

Paquet Minimum Axé sur la Qualité

Outils pour exercices de remédiation

Livret Pré Mathématique Thème 1

NOM/PRENOM :



**ÉCOLE
POUR TOUS**

1^{ère} édition
Novembre 2013



Avant-propos :

La principale préoccupation du moment, pour tous les acteurs de l'éducation, est l'amélioration de la qualité des apprentissages des élèves. Le Projet École Pour Tous; Projet d'Appui au Développement de l'Éducation à travers la Participation Communautaire de l'Agence Japonaise de Coopération Internationale (EPT/JICA), qui accompagne les communautés, dans la réalisation de l'objectif d'une éducation de qualité pour tous, depuis plus d'une décennie, ne s'exclut pas de cette préoccupation. Dans cette optique, il oriente de plus en plus ses activités vers l'amélioration des performances des élèves. Dans ce cadre il a conçu et expérimenté un Paquet Minimum Axé sur la Qualité (PMAQ) basé sur l'utilisation de livret d'exercices de remédiation pertinents.

Ce livret d'exercices, a été conçu en collaboration avec le Ministère de l'Enseignement Primaire, de l'Alphabétisation, de la Promotion des Langues Nationales et de l'Education Civique, pour appuyer les Comités de Gestion Décentralisée des Établissements Scolaires (CGDES) qui désirent organiser des activités d'accompagnement à la scolarité des élèves en vue d'améliorer leurs performances fondamentales de base en calcul.

Loin de se substituer aux manuels et les livres d'exercices du programme officiel, il ambitionne de renforcer les apprentissages, en stimulant une meilleure utilisation du temps supplémentaire consacré par les CGDES aux activités parascolaires d'une part et en accélérant l'installation des compétences mathématiques de base d'autre part.

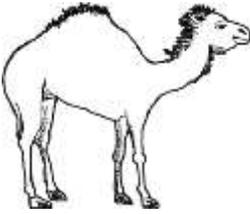
Dans sa progression, le livret adopte une démarche inductive allant du connu à l'inconnu, des anciennes connaissances aux nouvelles acquisitions. Aussi une infographie riche, variée et adaptée au vécu des enfants, illustre les concepts. Ceci, dans le souci de doter les communautés et les enseignants d'outils efficaces tenant compte du caractère souvent analphabète de l'environnement.

Ce livret est la propriété exclusive de la JICA. Par conséquent toute utilisation doit faire l'objet d'une autorisation du propriétaire sauf pour le Ministère en charge de l'éducation du Niger.

Le chef du Projet EPT/JICA



HARA Masahiro

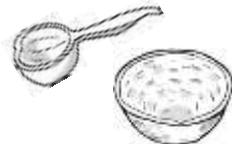


Sommaire



Initiation Graphique

T1 Ecris au crayon!



Exemple

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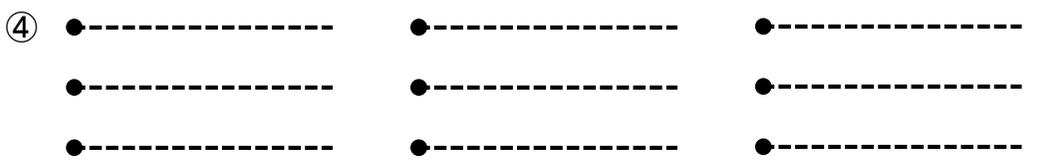
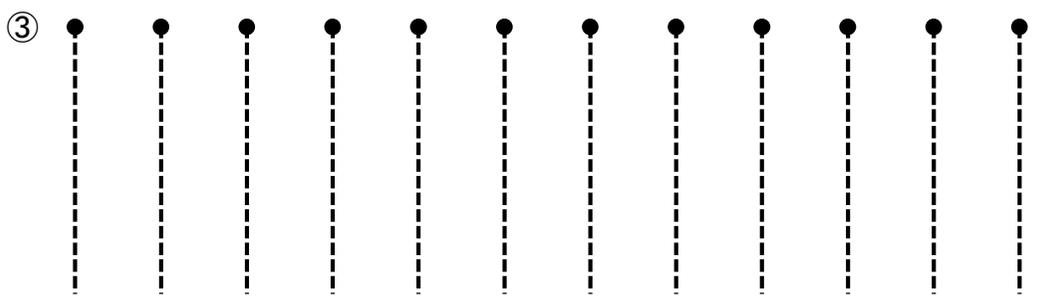
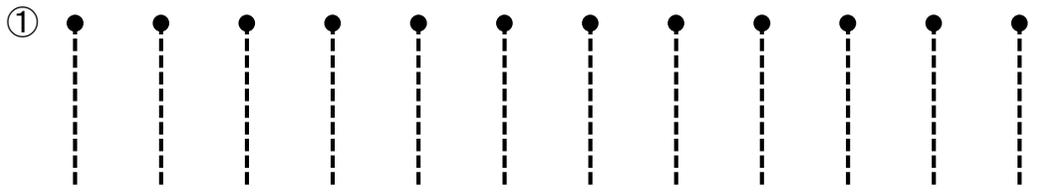
Commence à partir de ● et
Trace des lignes sur les pointillés.



Bien!

Exercices

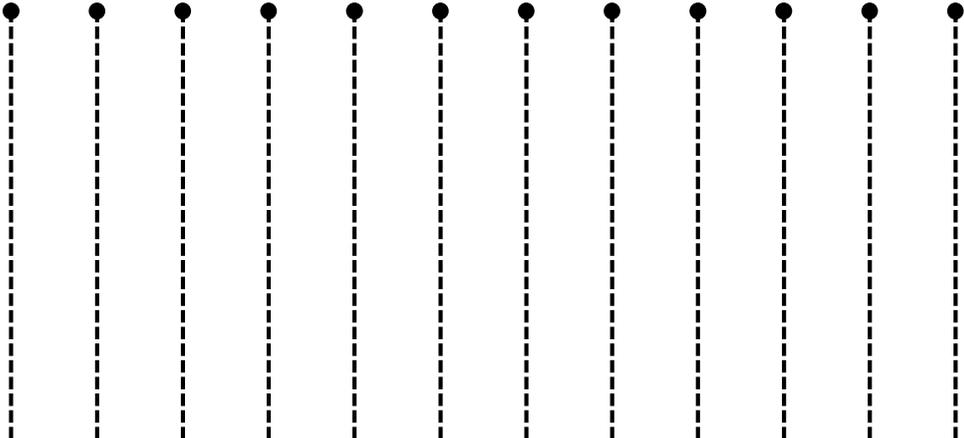
Trace des lignes.



Exercices

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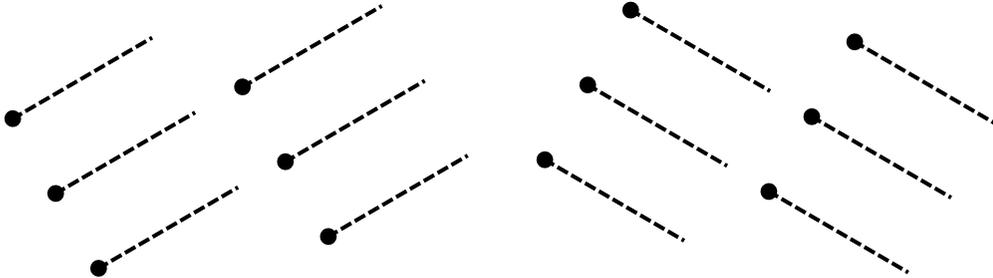
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⑥

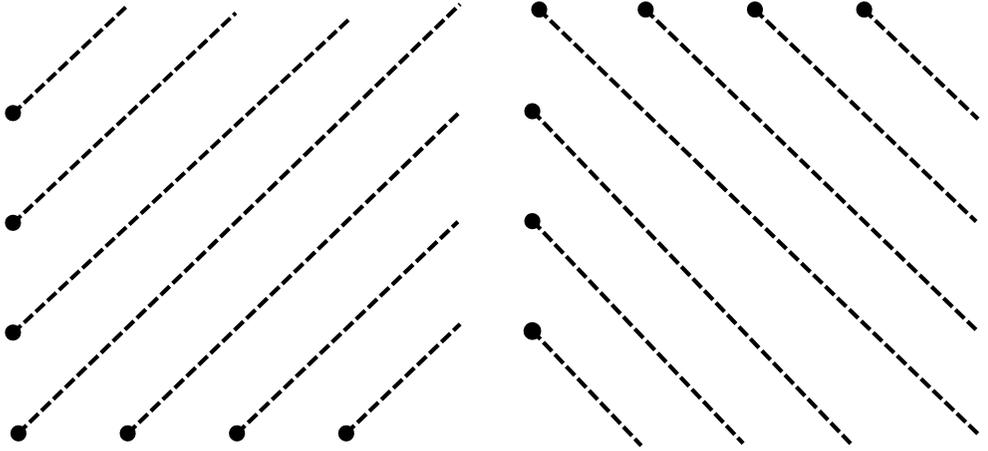


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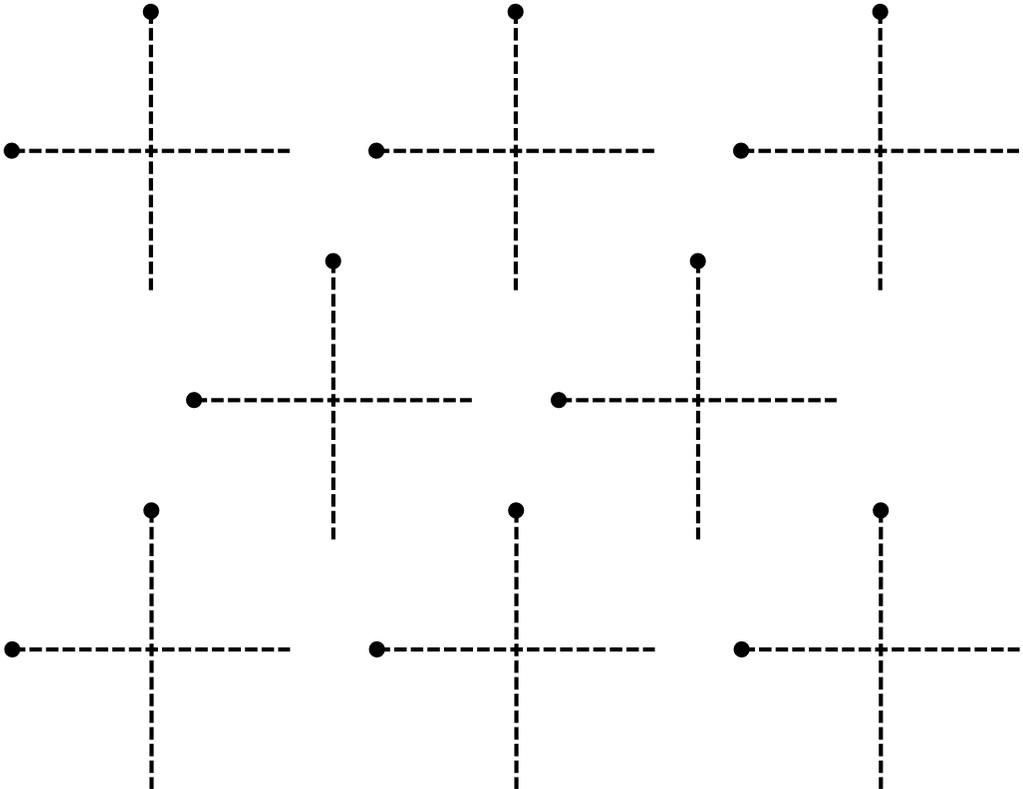


Exercices Trace des lignes

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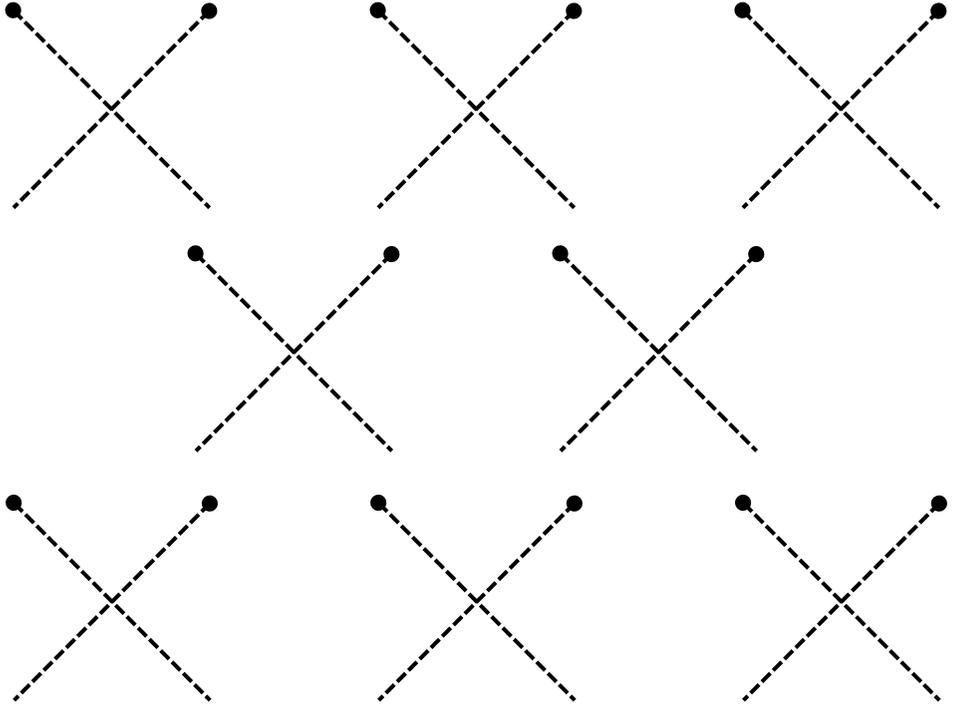
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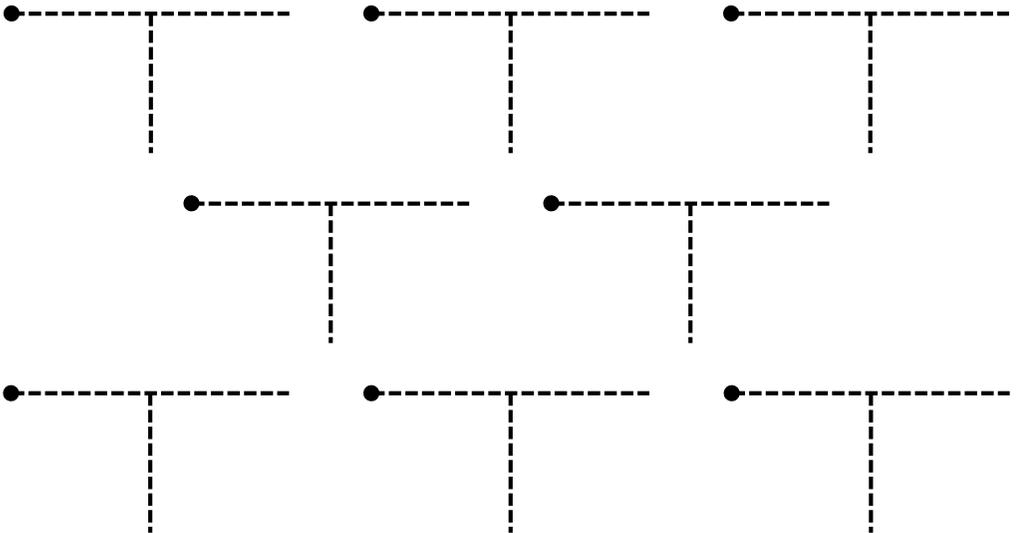
Exercices

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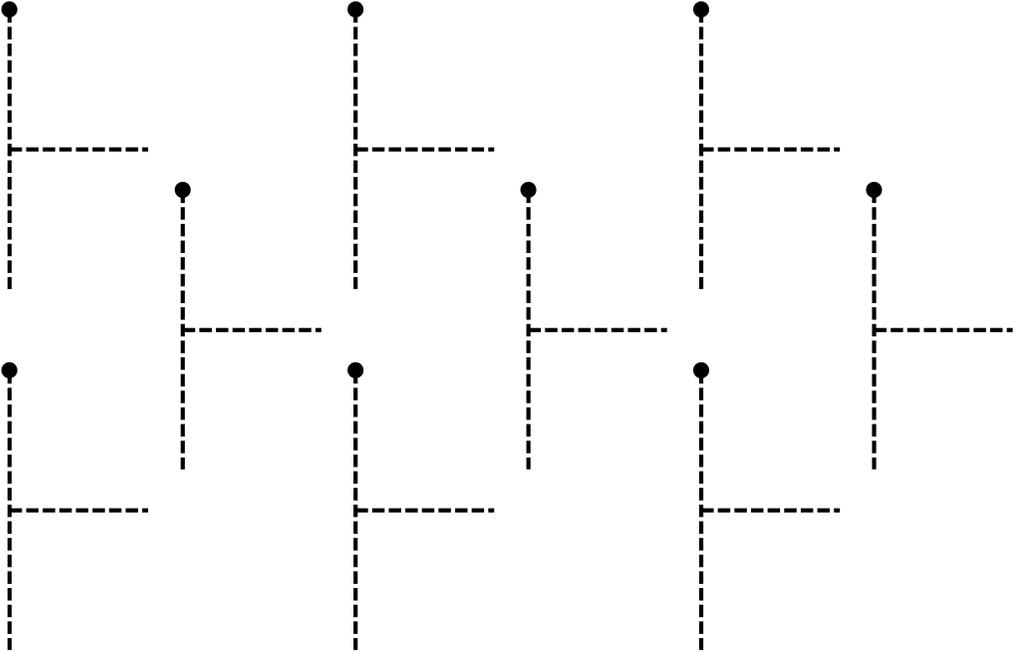


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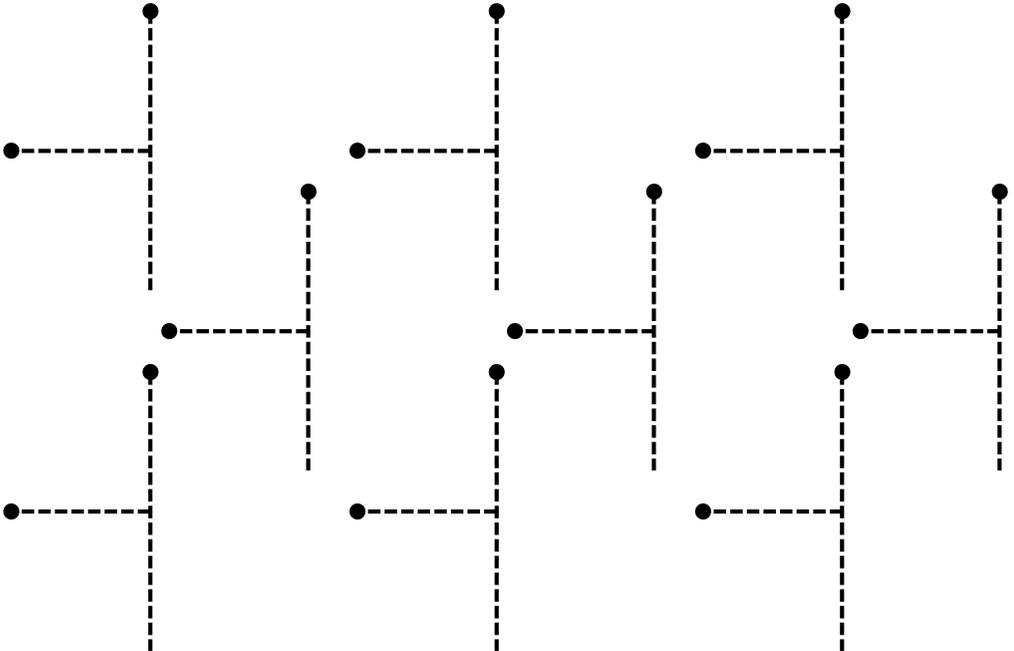


Exercices Trace des lignes.

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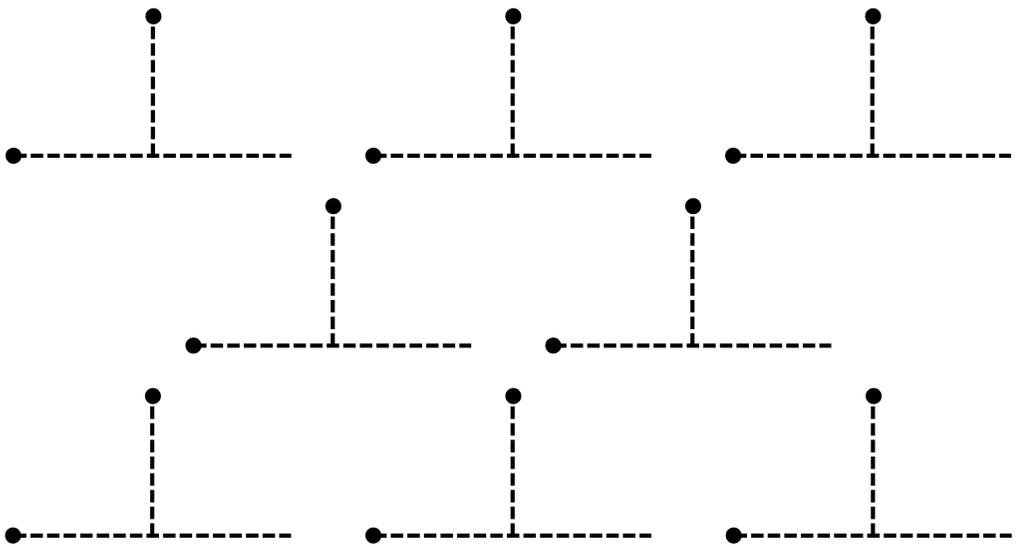
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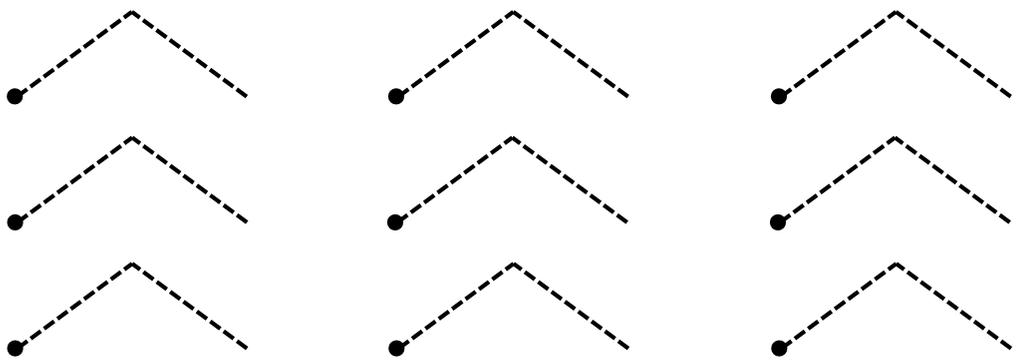
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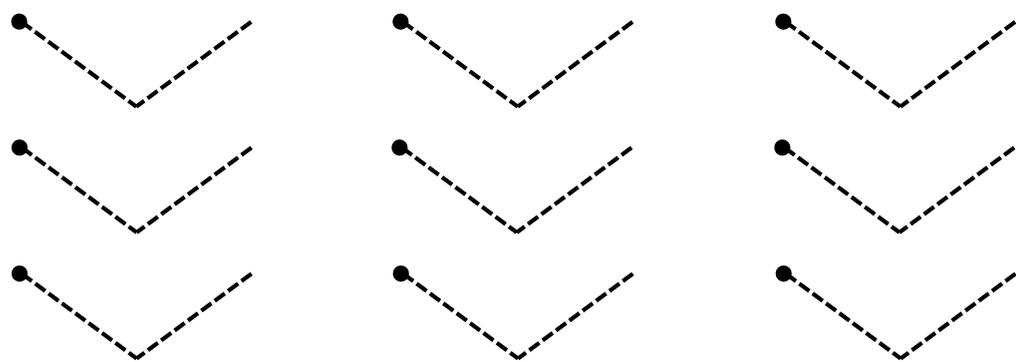
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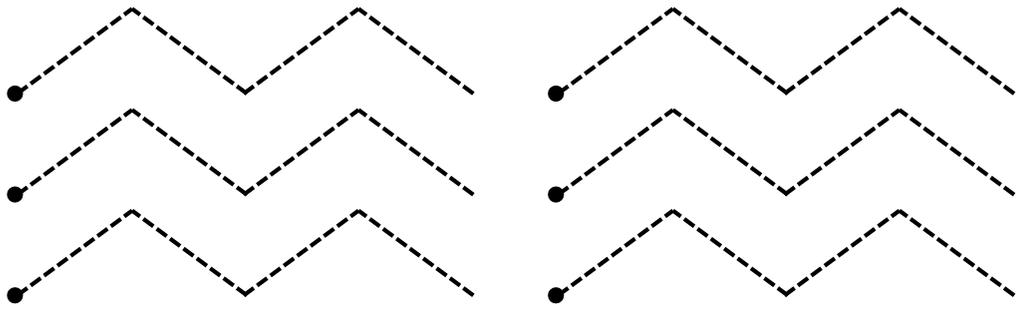
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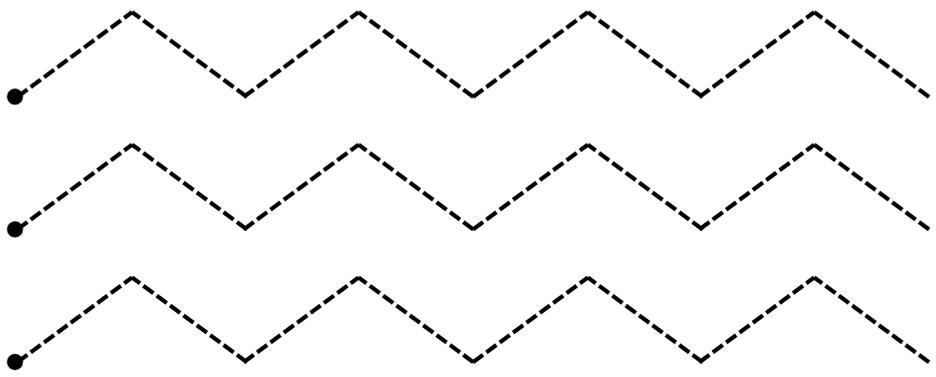
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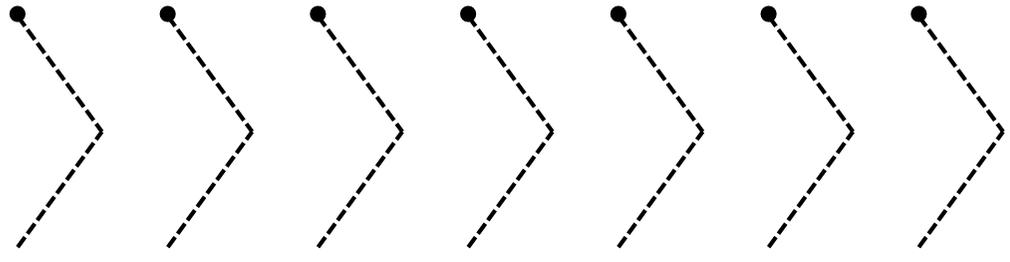
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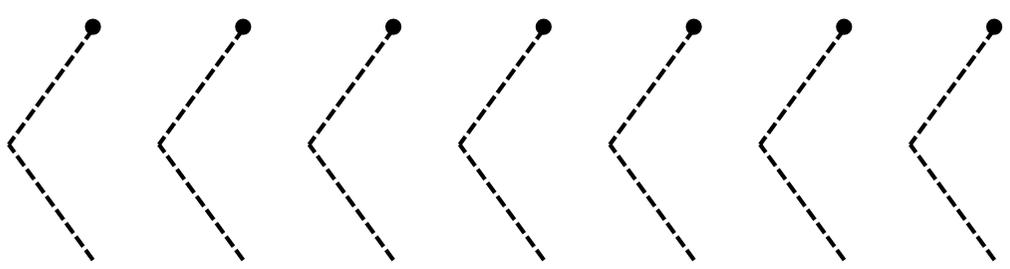
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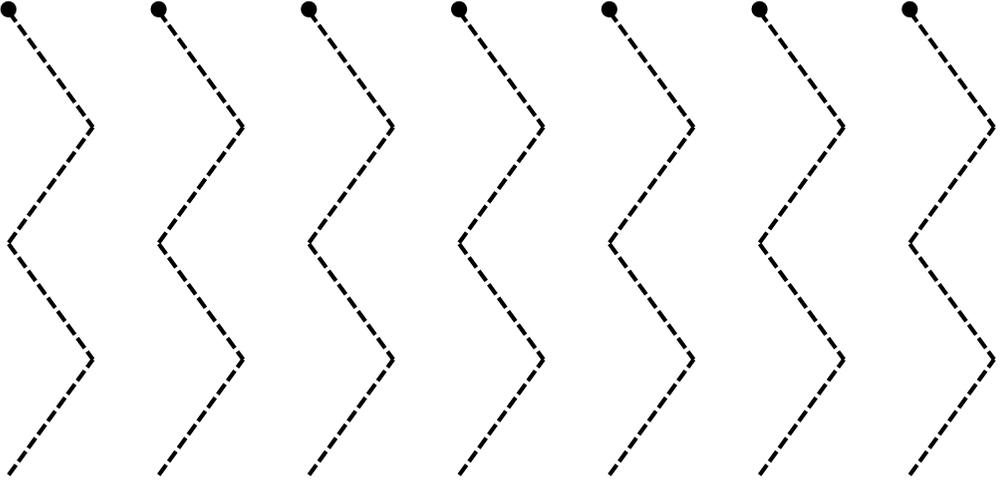
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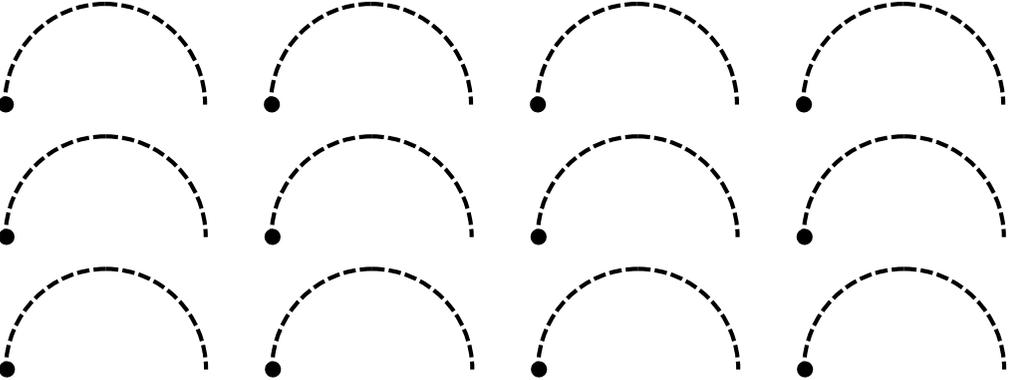
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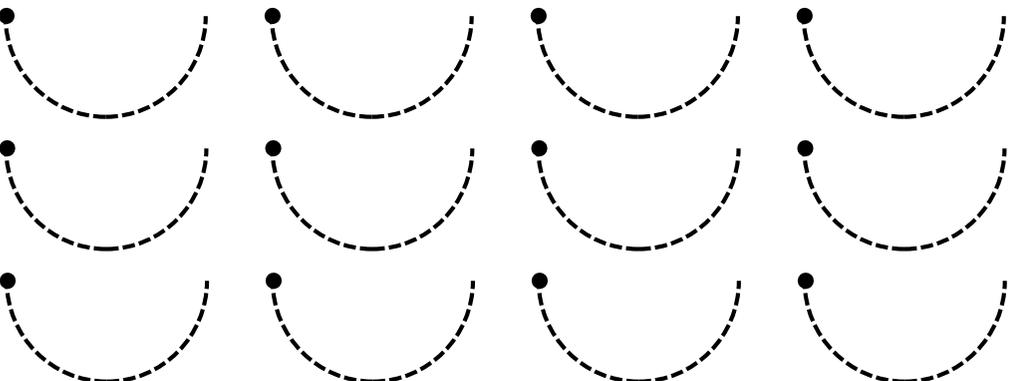
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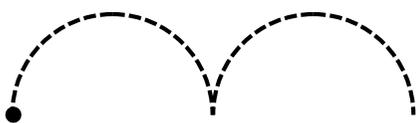
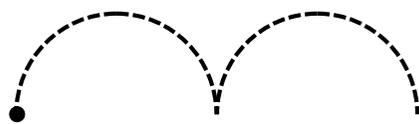
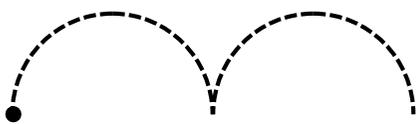
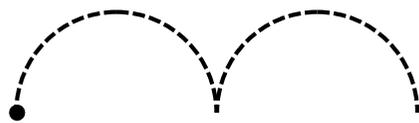
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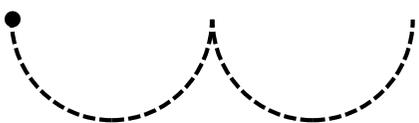
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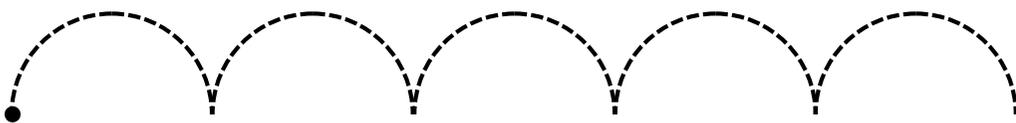
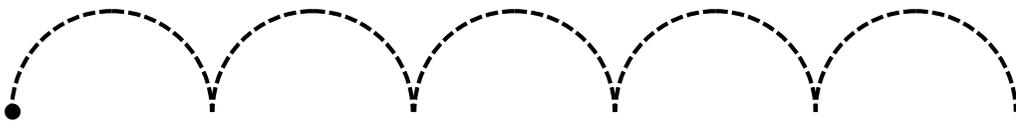
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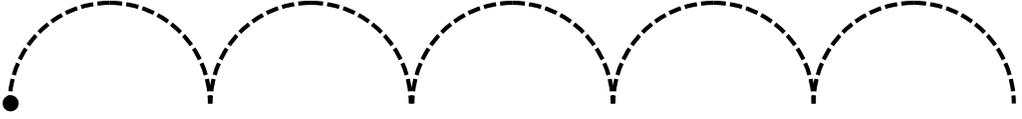


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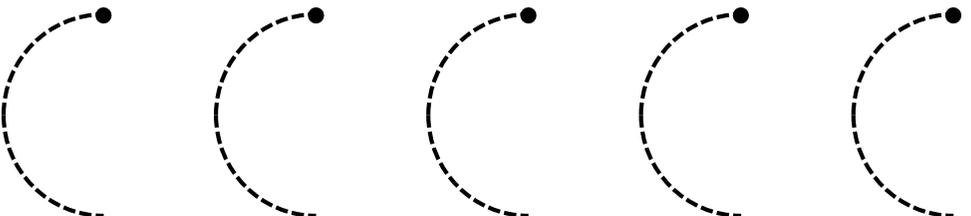
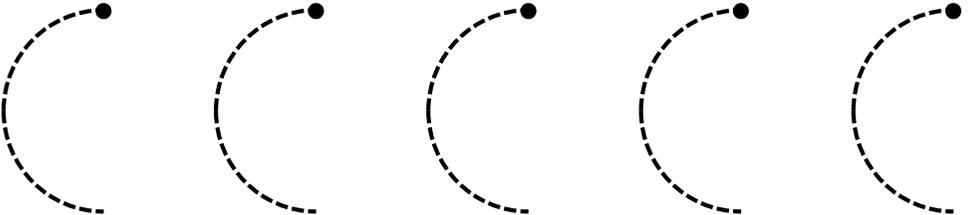
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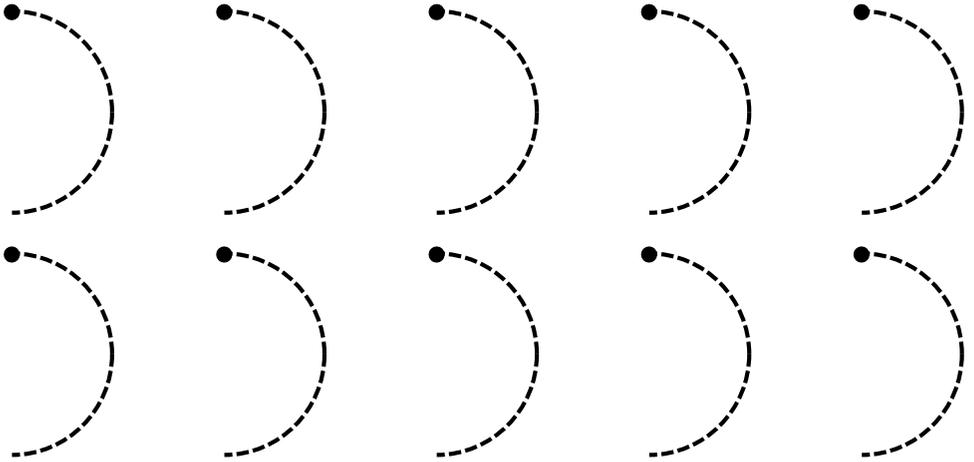


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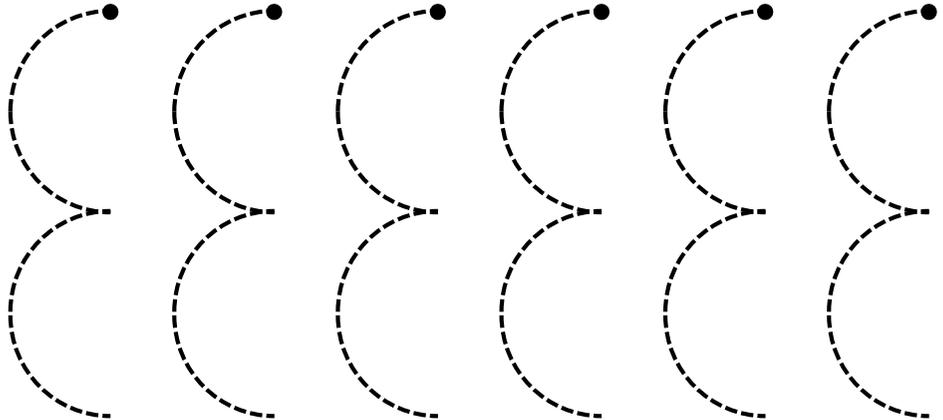


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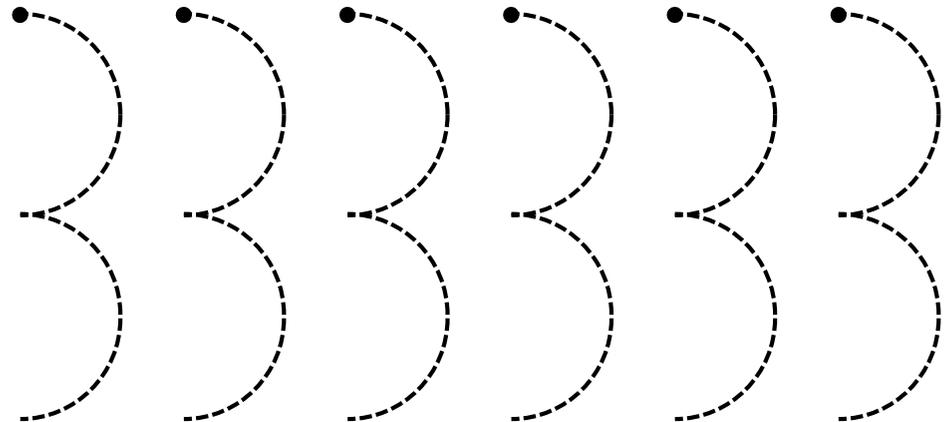
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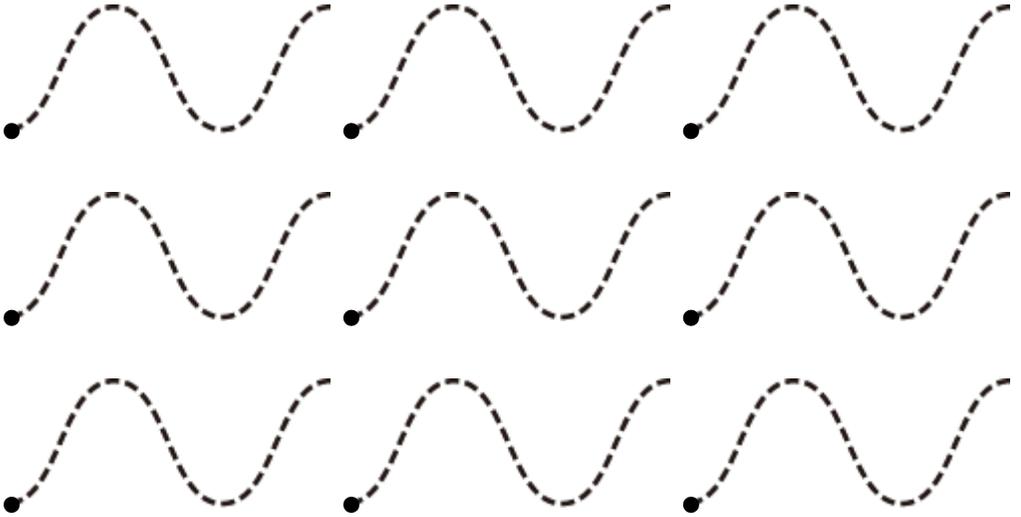


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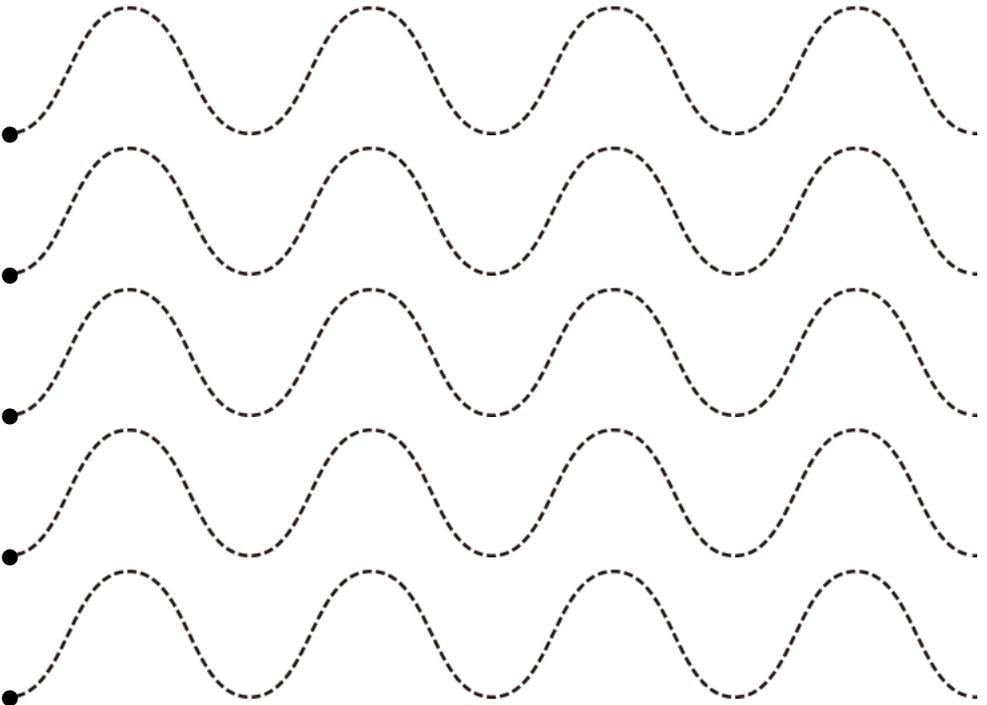


Exercices Trace des lignes.

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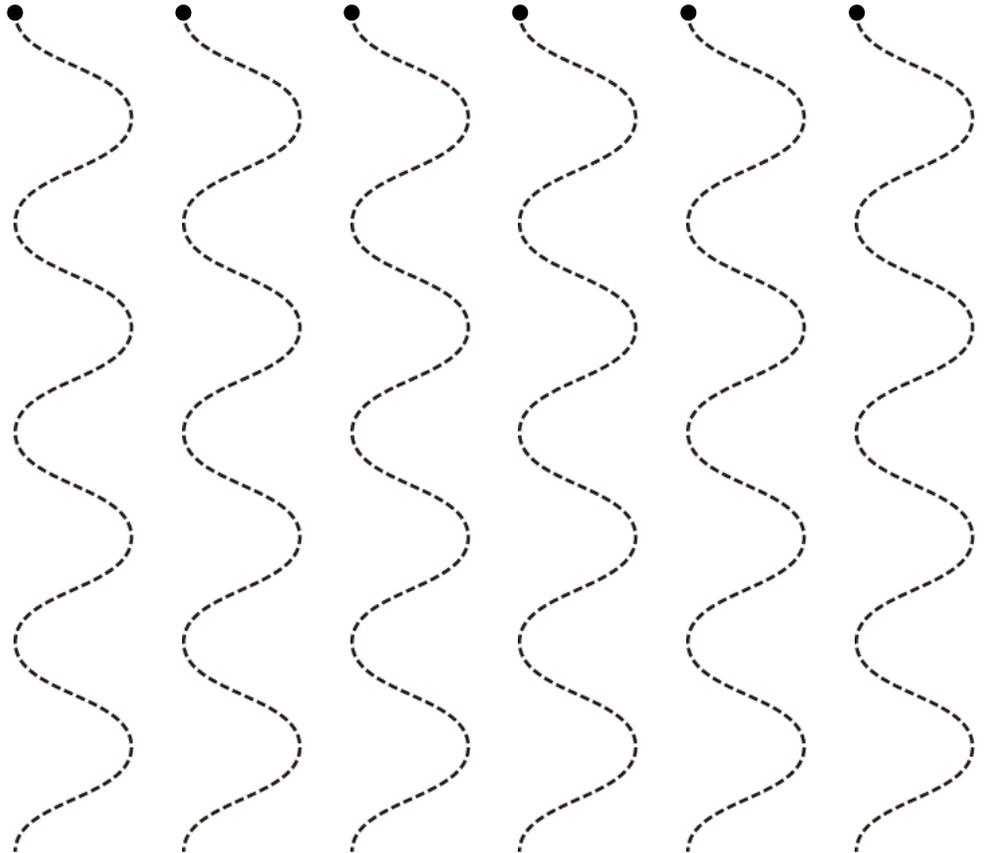


Exercices Trace des lignes.

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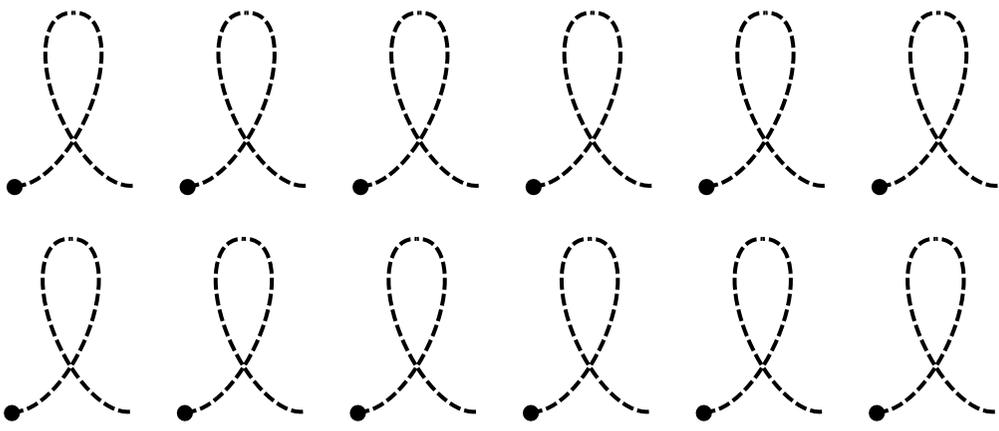
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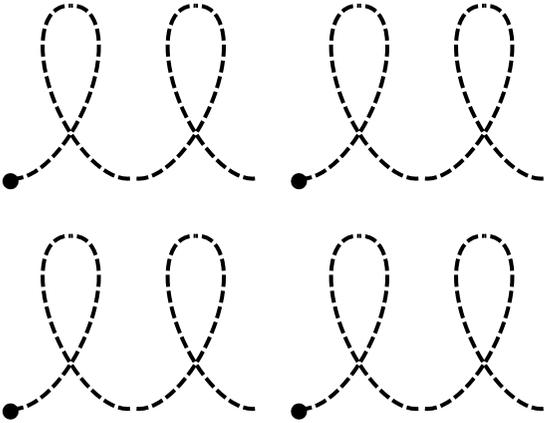
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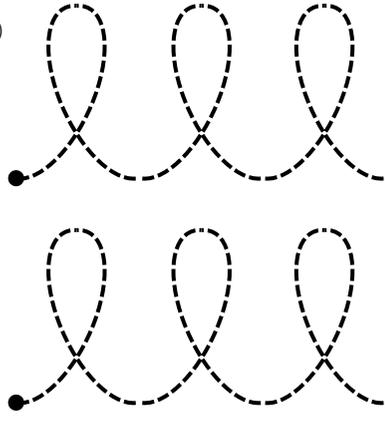
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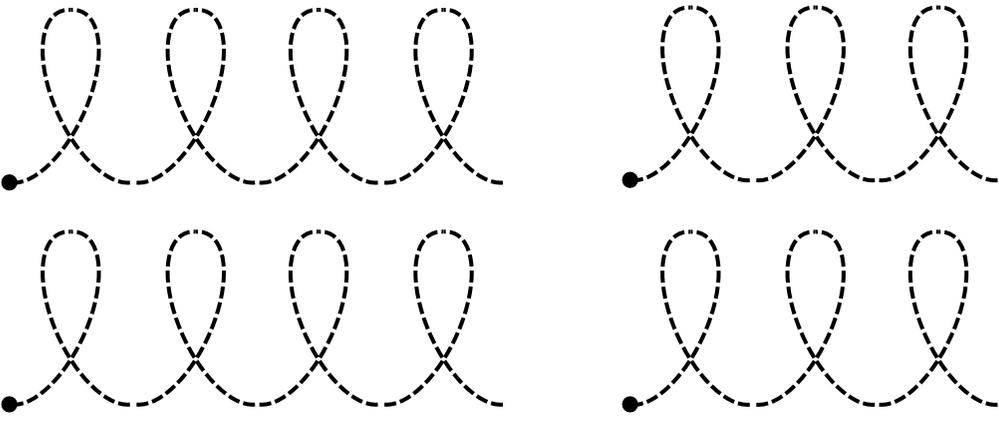
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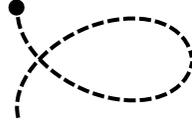
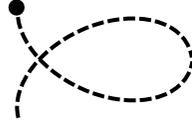
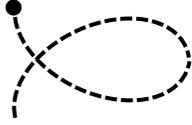
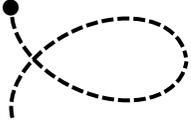
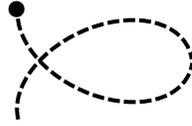
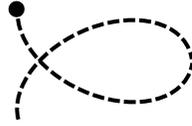
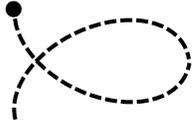
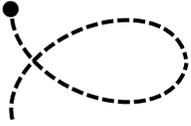


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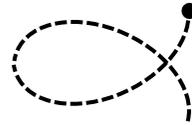
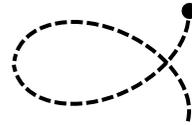
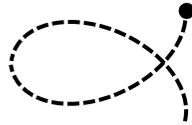
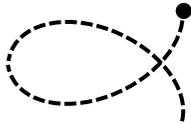
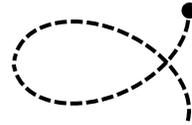
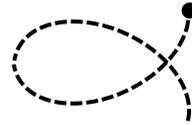
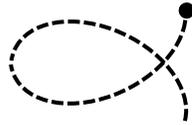
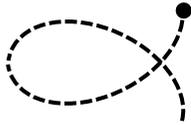


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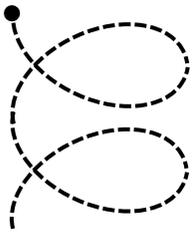
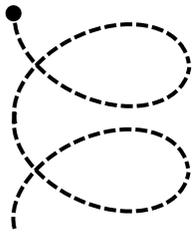
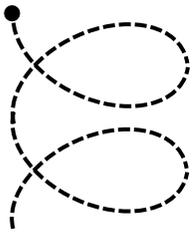
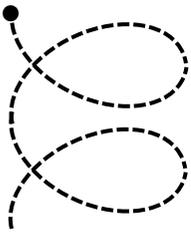
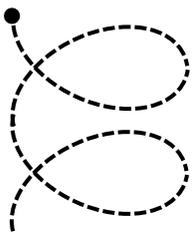
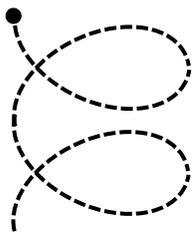
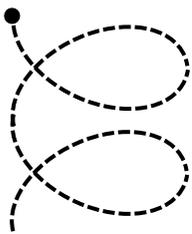
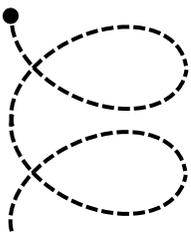
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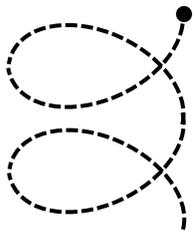
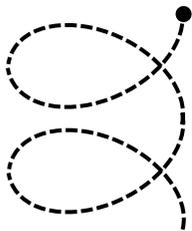
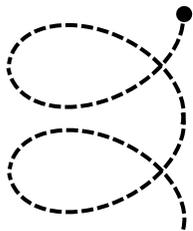
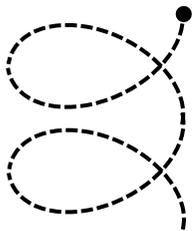
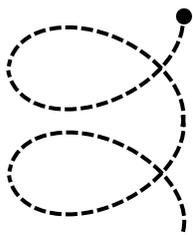
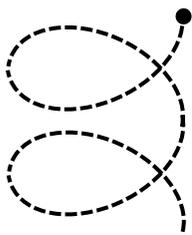
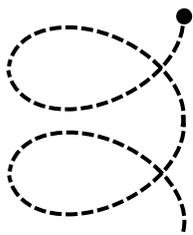
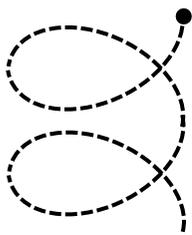
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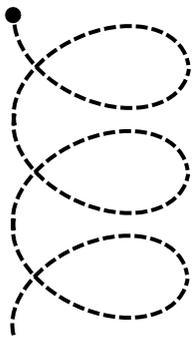
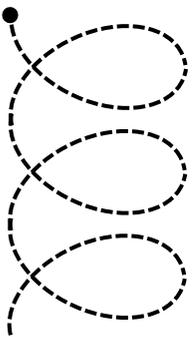
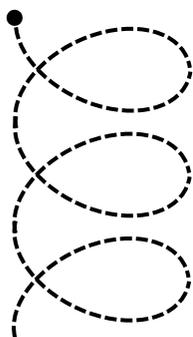
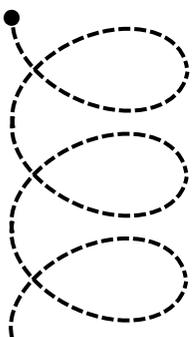
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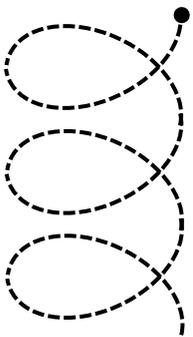
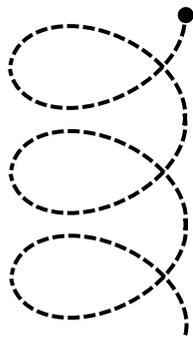
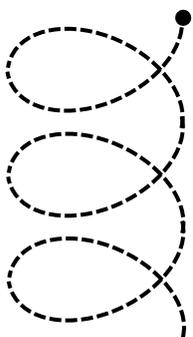
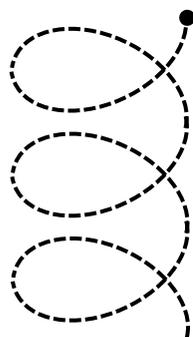
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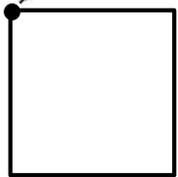
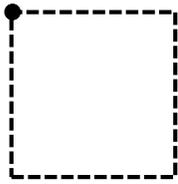


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Exemple

Trace des formes.



Commence à partir de ● et trace des lignes sur les pointillés.

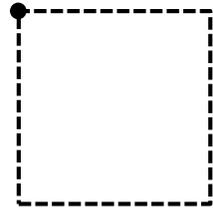
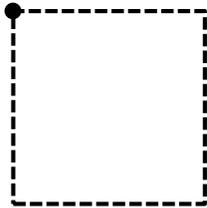
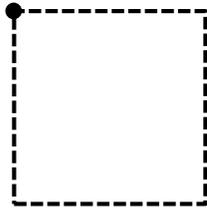
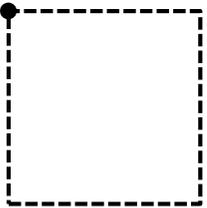
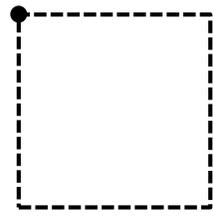
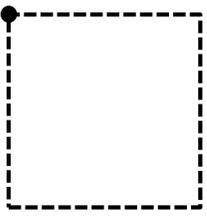


Bien!

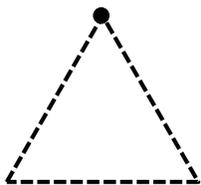
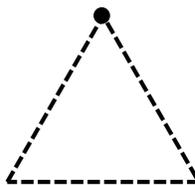
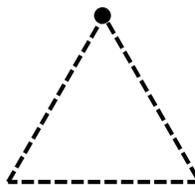
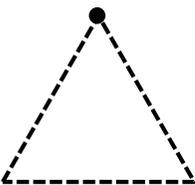
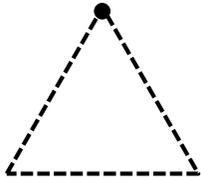
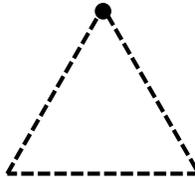
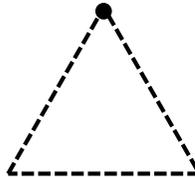
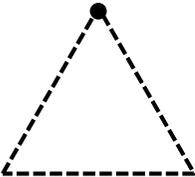
Exercices

Trace des formes.

①



②



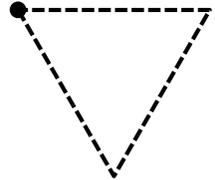
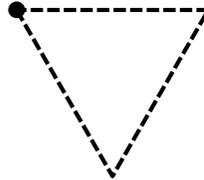
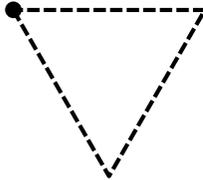
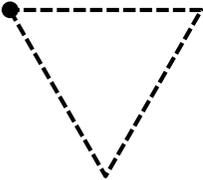
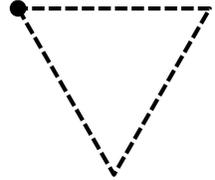
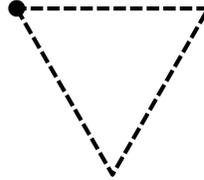
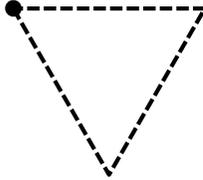
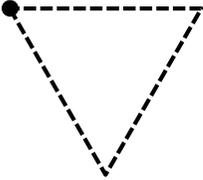
Exercices

Trace des formes.

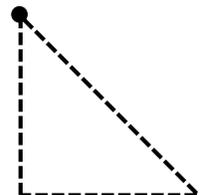
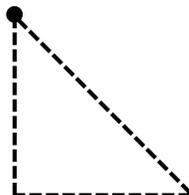
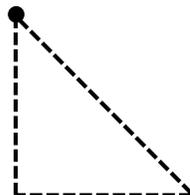
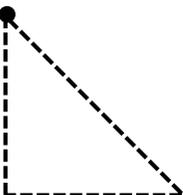
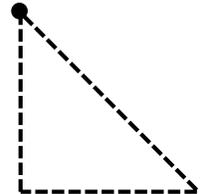
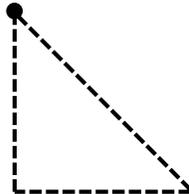
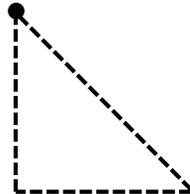
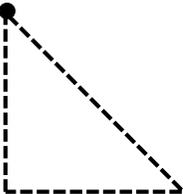
③



④

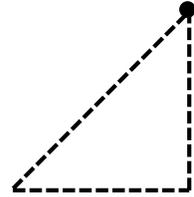
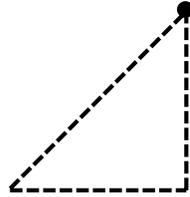
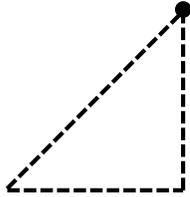
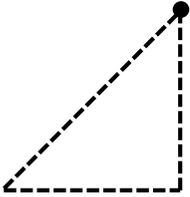
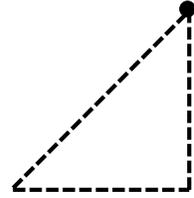
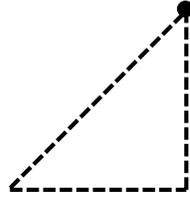
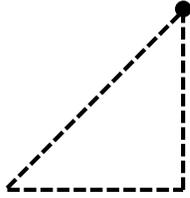
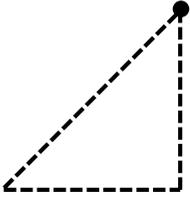


⑤

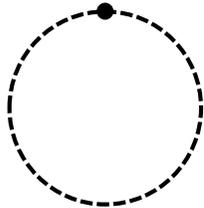
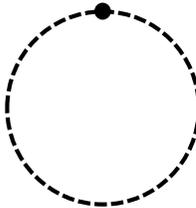
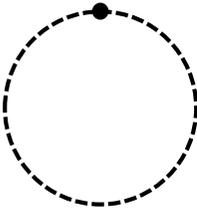
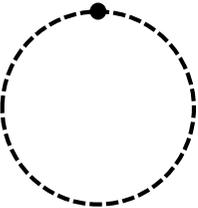
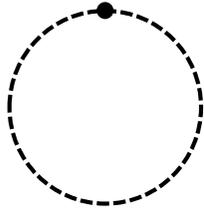
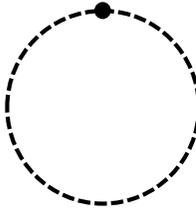
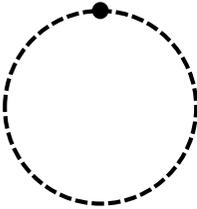
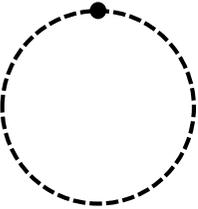


Exercices Trace des formes.

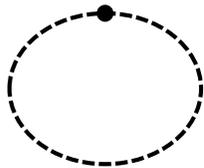
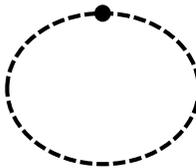
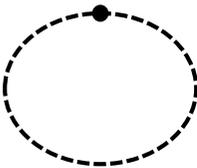
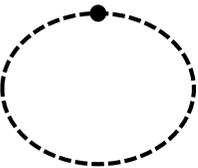
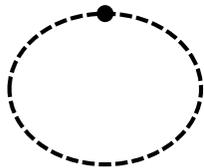
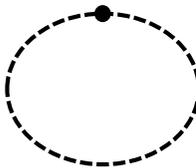
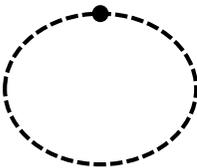
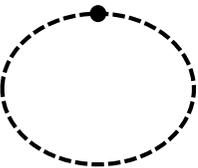
⑥



⑦



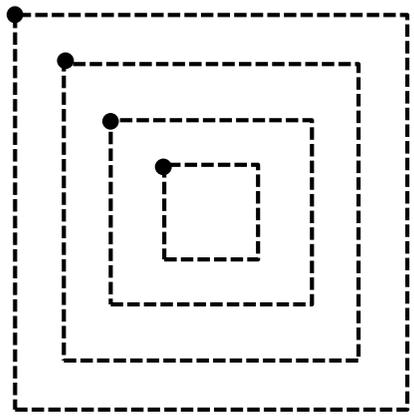
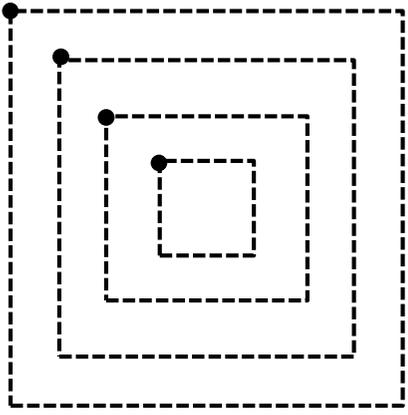
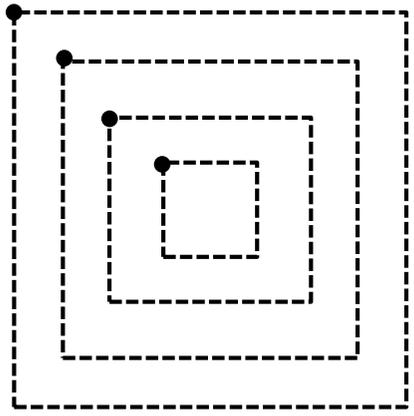
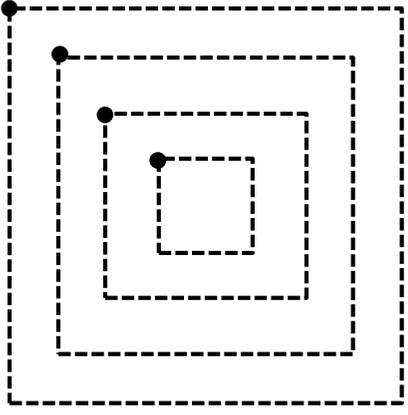
⑧



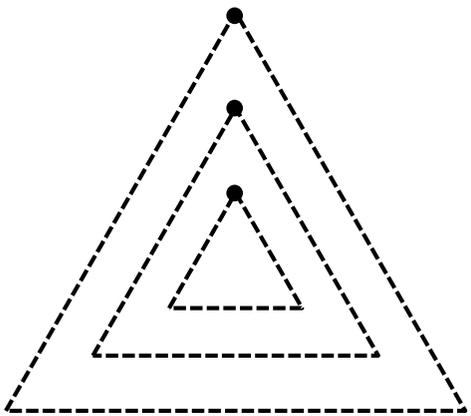
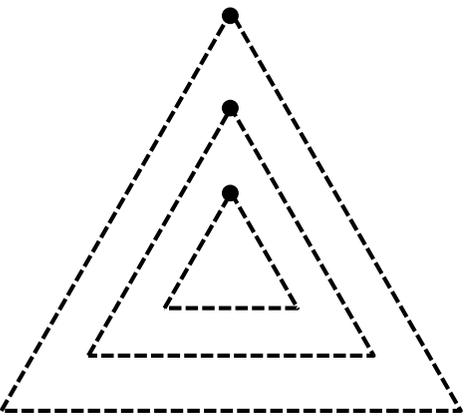
Exercices

Trace des formes.

9

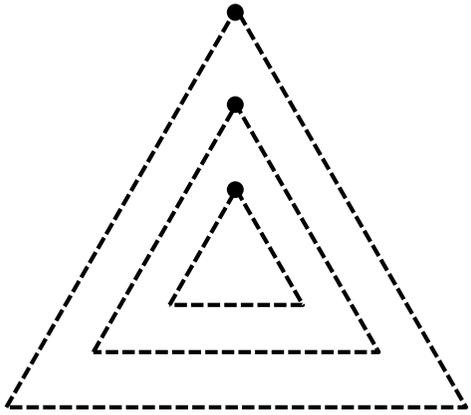
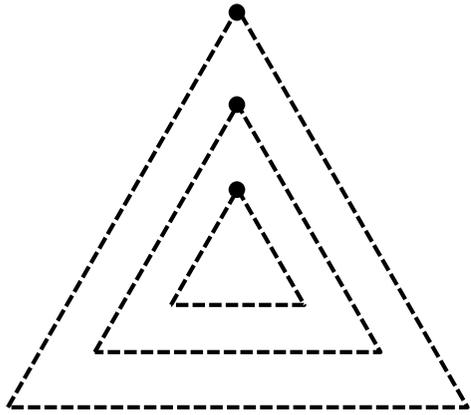


10

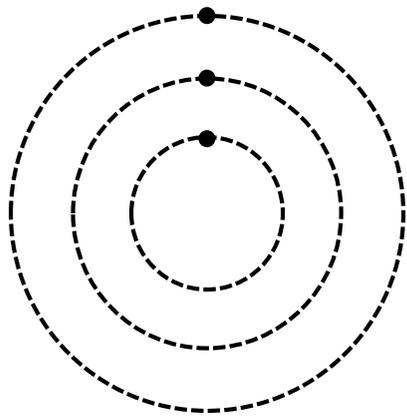
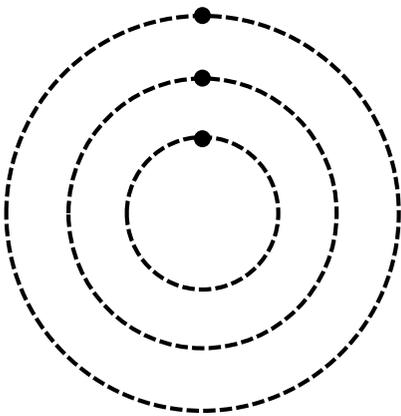
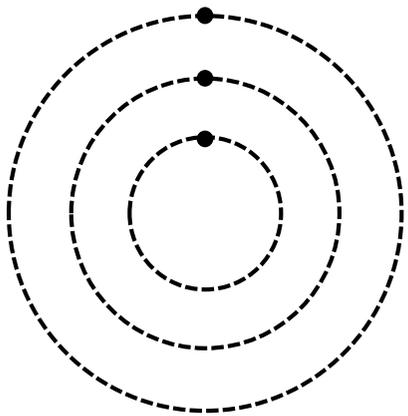
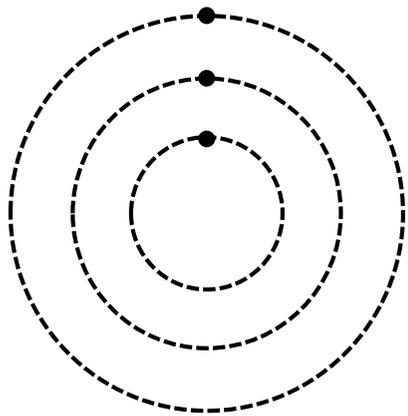


Exercices

Trace des formes.

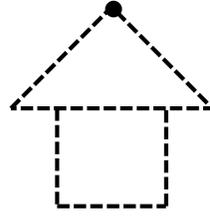
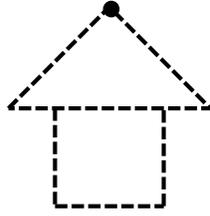
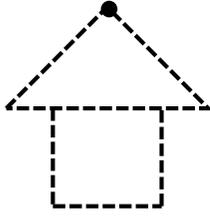
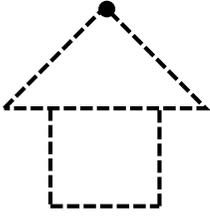
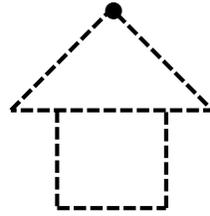
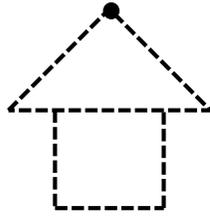
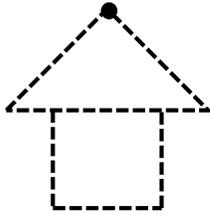
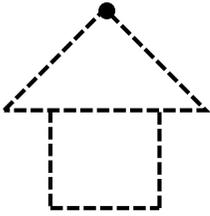


11

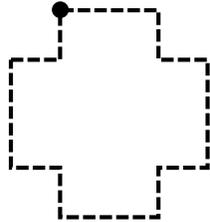
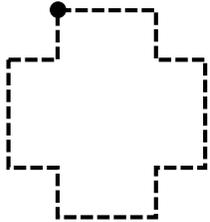
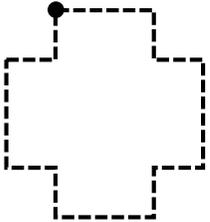
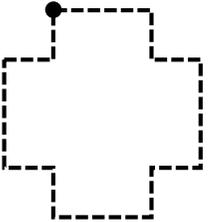
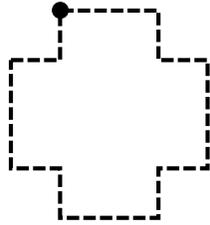
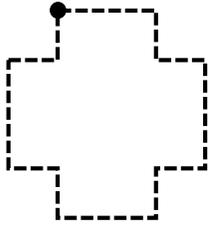
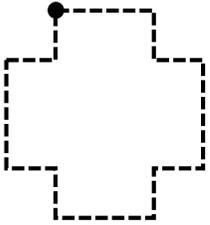
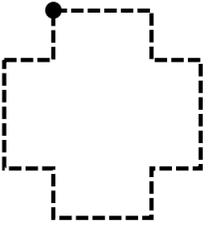


Exercices Trace des formes.

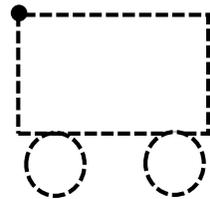
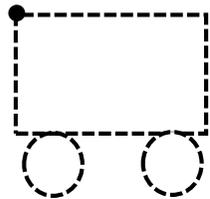
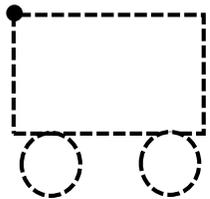
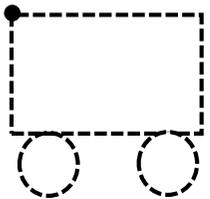
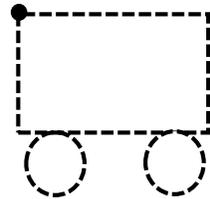
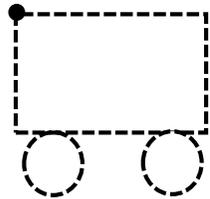
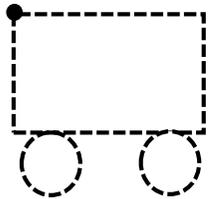
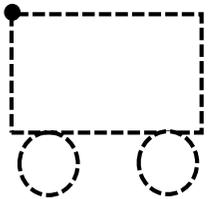
⑫



⑬

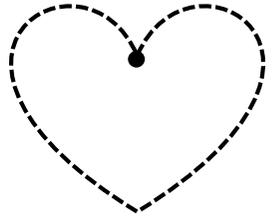
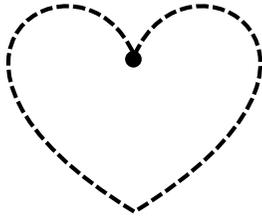
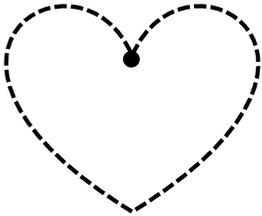
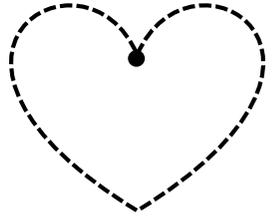
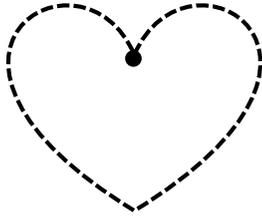
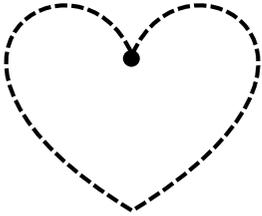
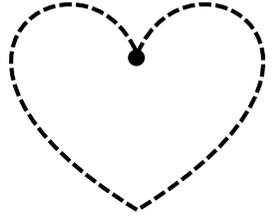
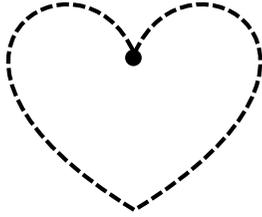
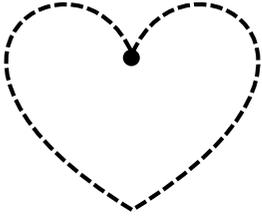


⑭

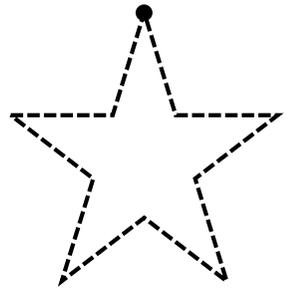
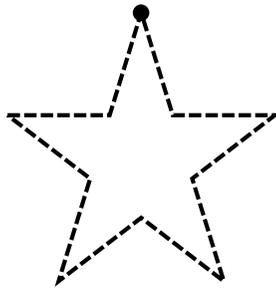
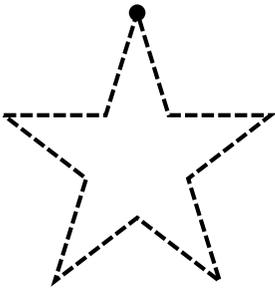
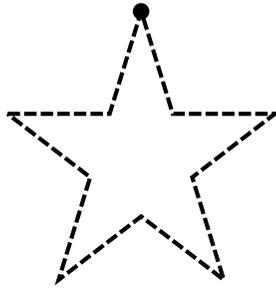
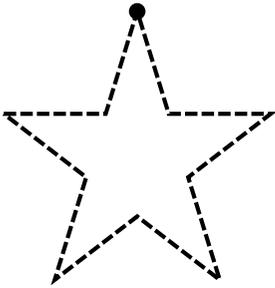


Exercices Trace des formes.

⑮



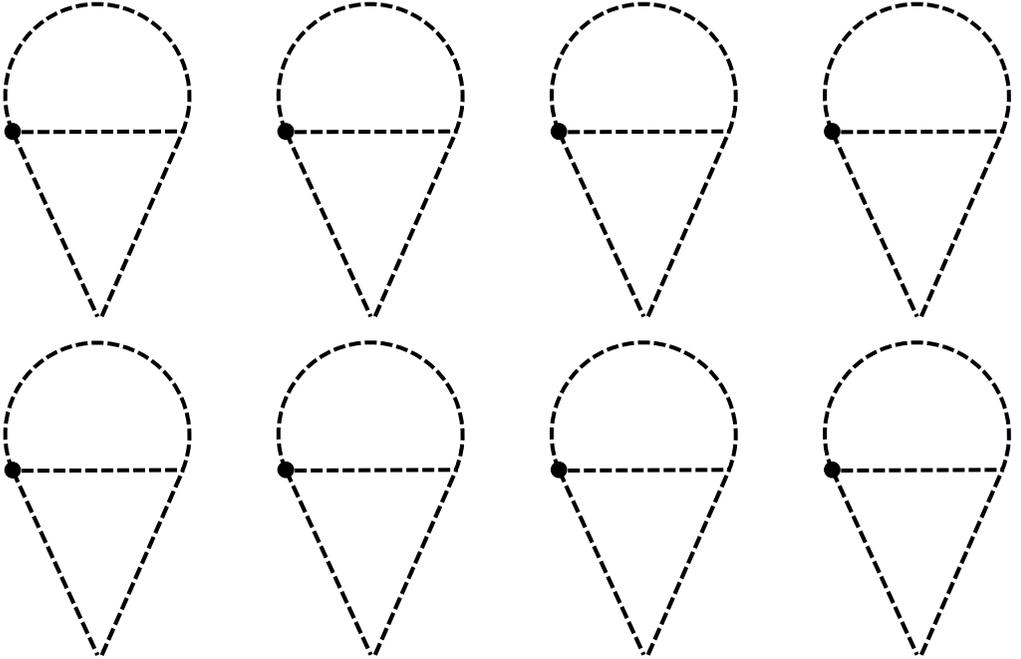
⑯



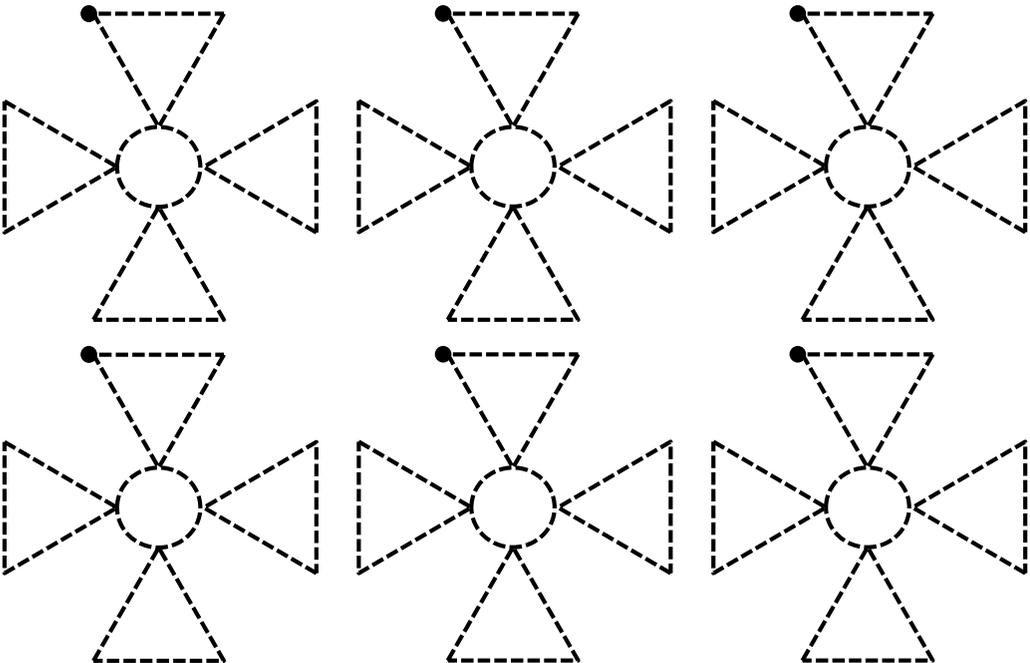
Exercices

Trace des formes.

17



18



Exemple

Trace des lignes.

Relie ● par ● pour tracer des lignes sur les pointillés ou même sans pointillés.



Bien!

Exercices

Trace des lignes.

①

●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●

②

●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●

③

●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●

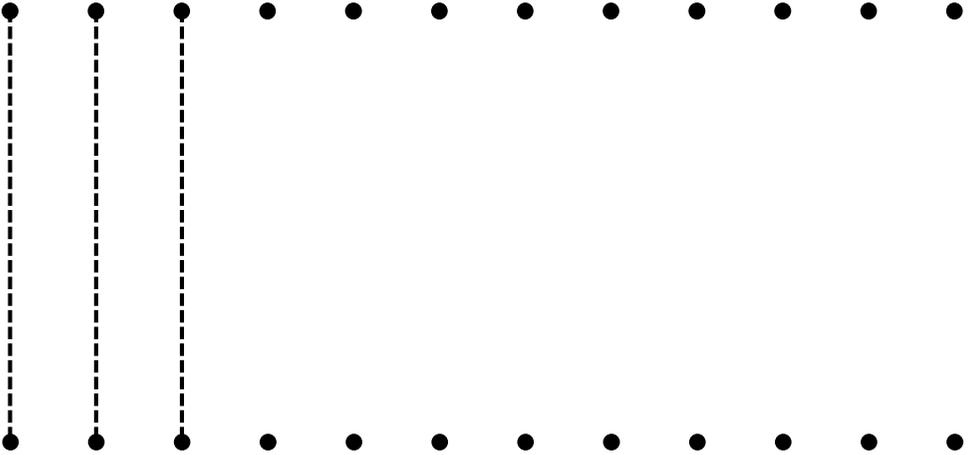
④

●	●	●	●	●	●	●	●	●	●
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●	●	●	●	●	●	●	●	●	●

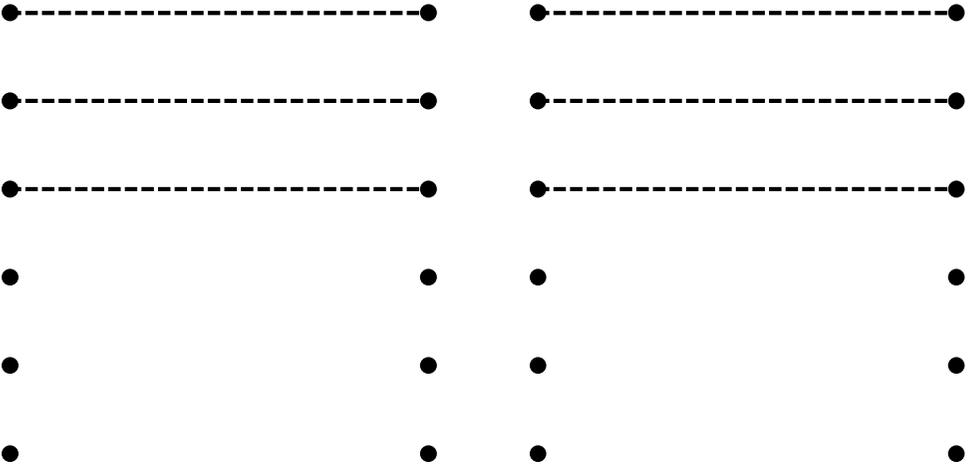
Exercices

Trace des lignes.

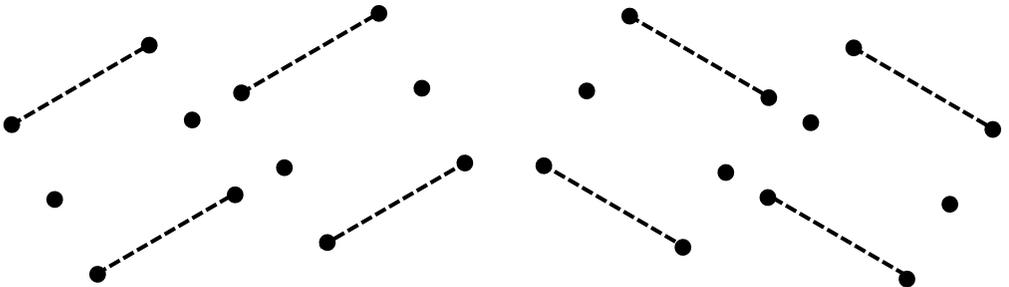
⑤



⑥



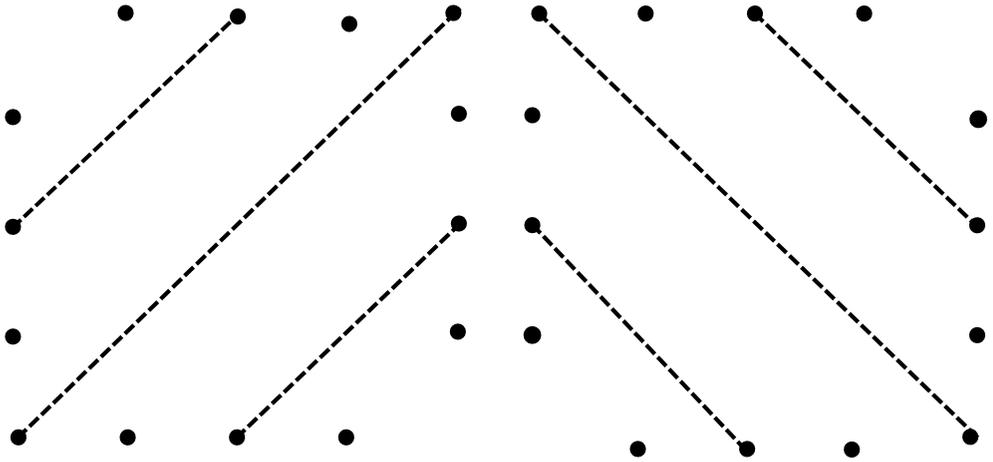
⑦



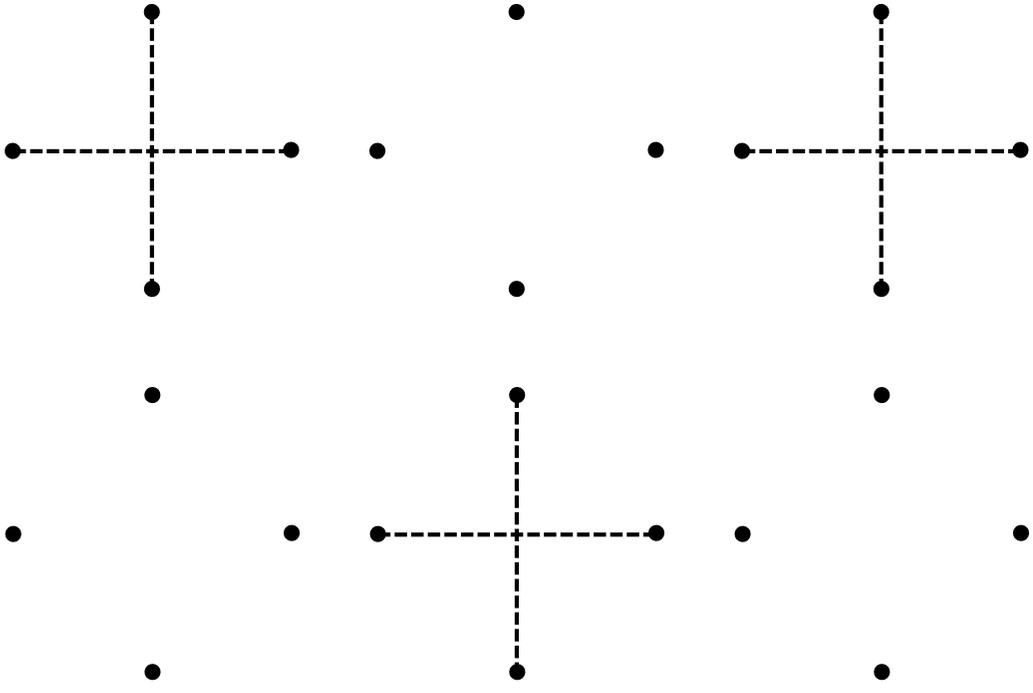
Exercices

Trace des lignes.

⑧

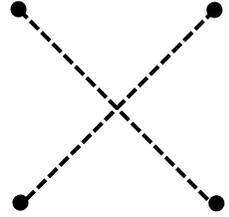
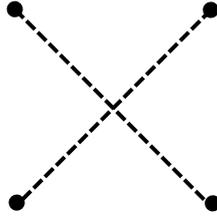
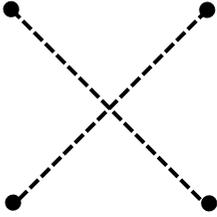


⑨

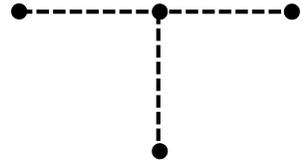
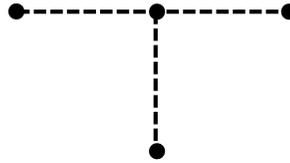
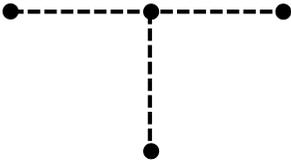


Exercices Trace des lignes.

⑩

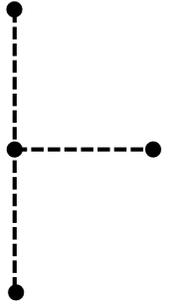
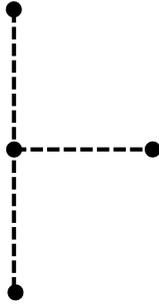
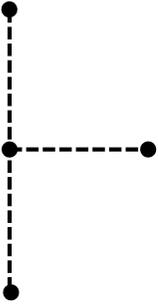


⑪

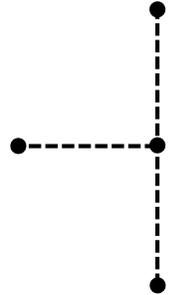
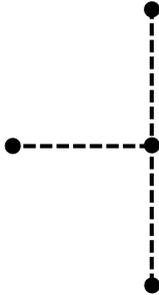
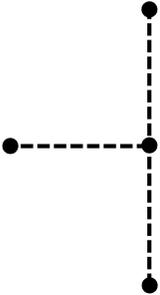


Exercices Trace des lignes.

⑫



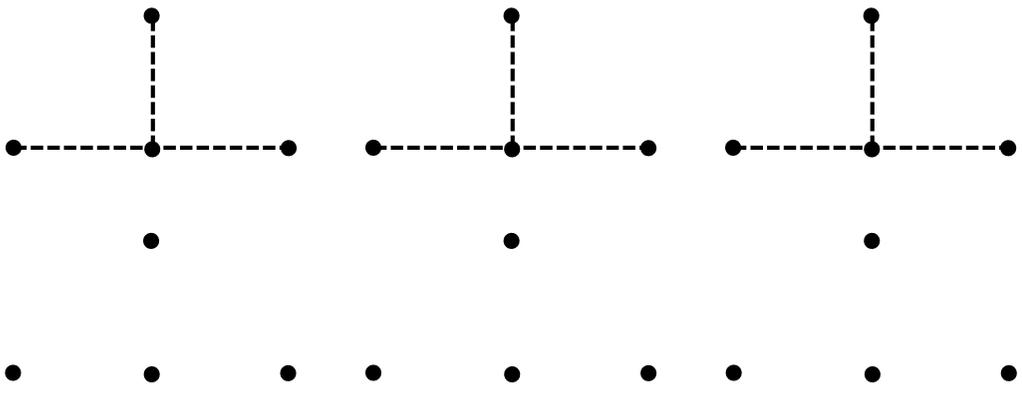
⑬



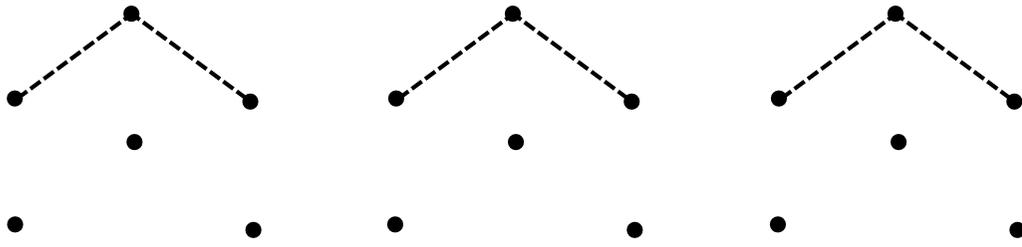
Exercices

Trace des lignes.

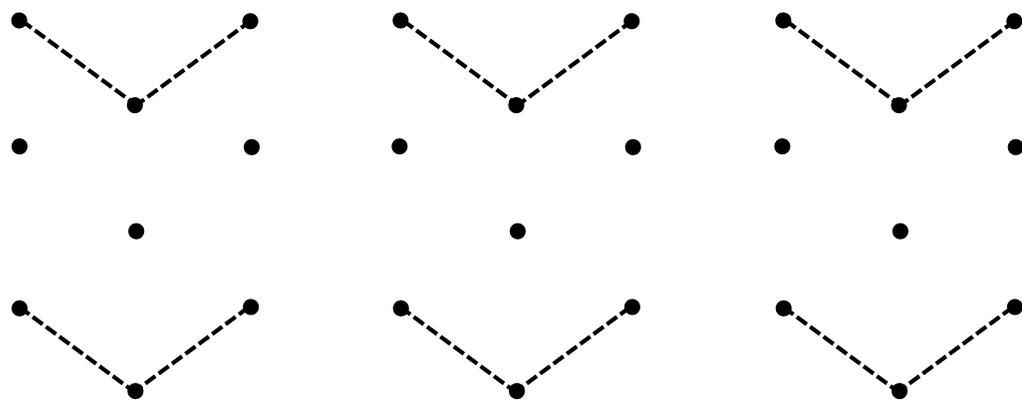
14



15



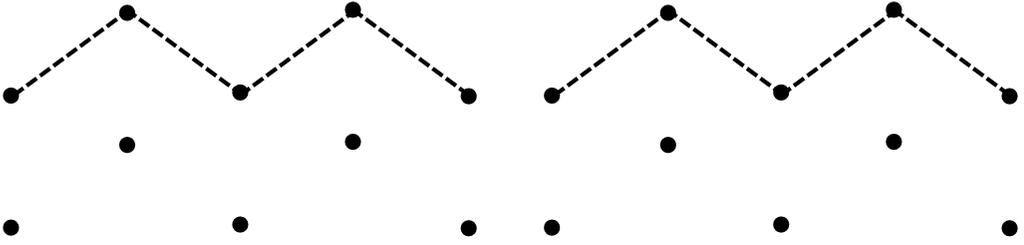
16



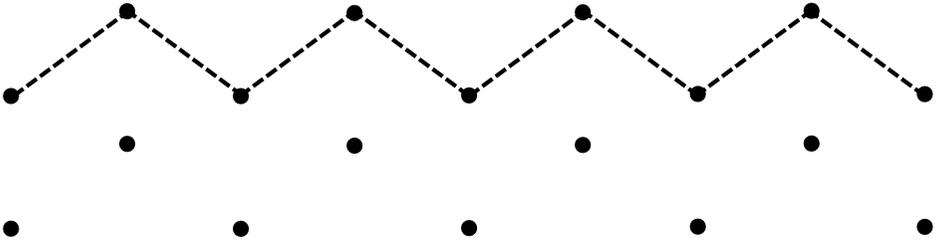
Exercices

Trace des lignes.

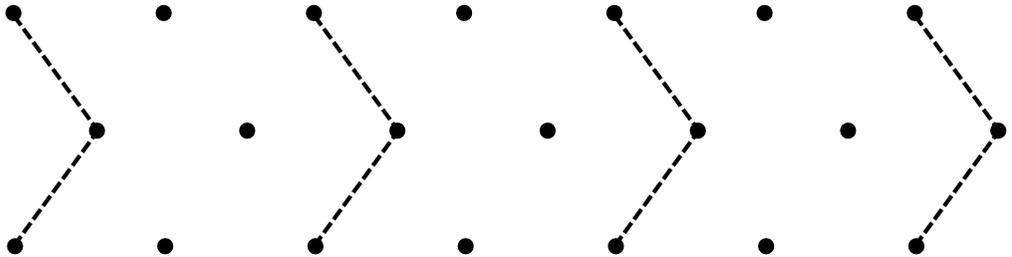
⑰



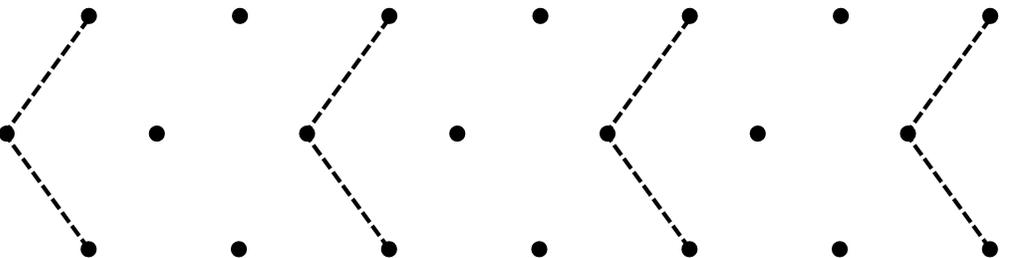
⑱



⑲



⑳



Exercices

Trace des lignes.

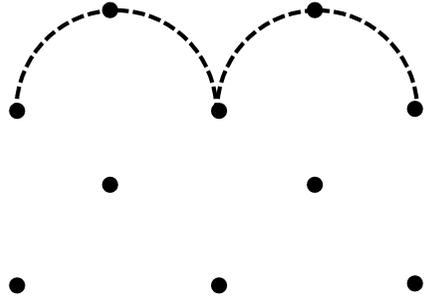
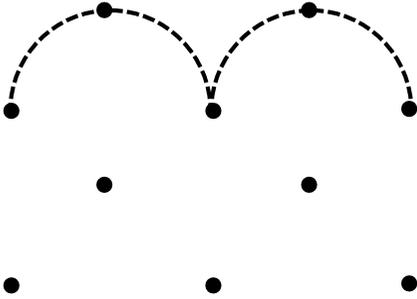
21

22

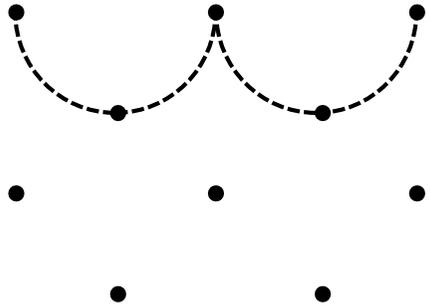
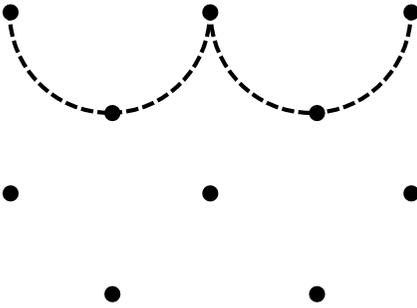
23

Exercices Trace des lignes.

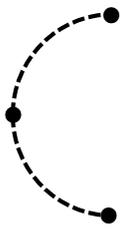
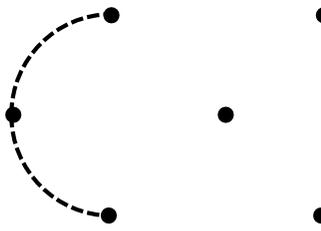
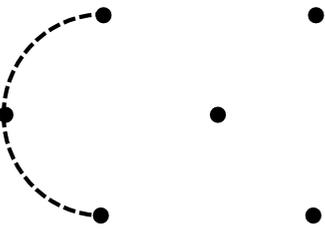
24



25



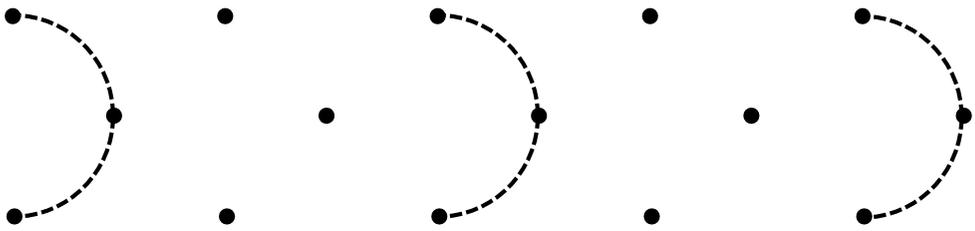
26



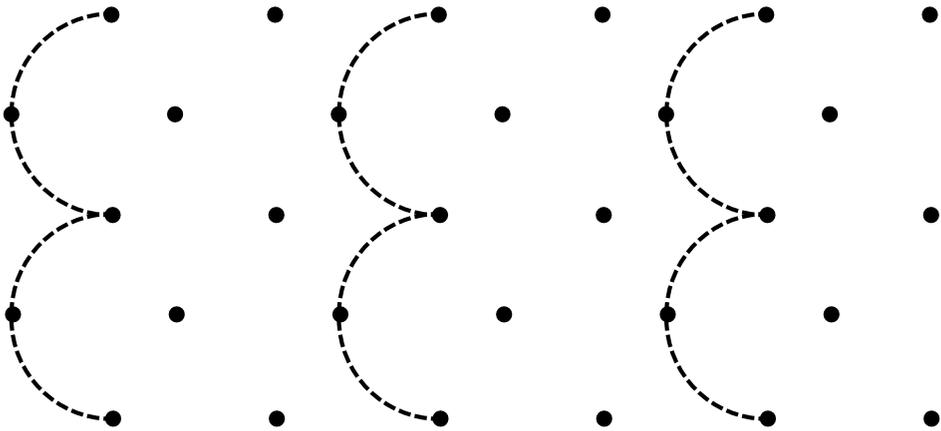
Exercices

Trace des lignes.

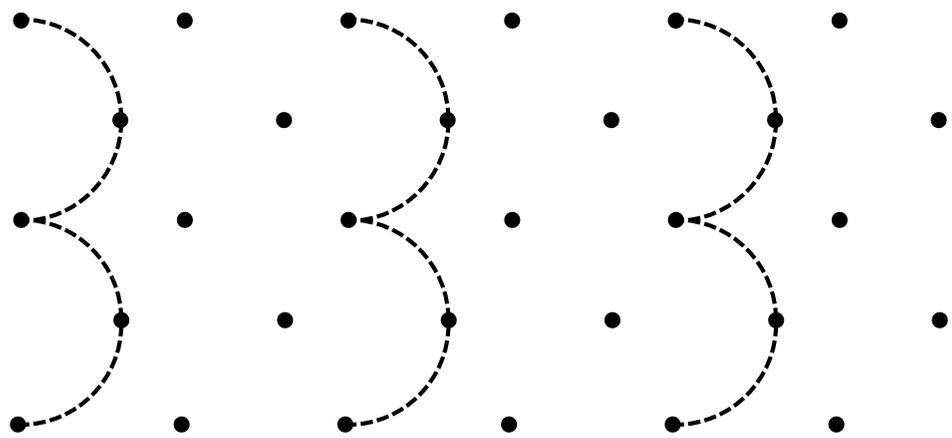
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28



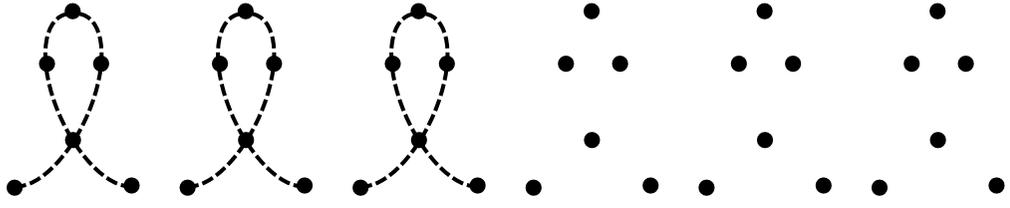
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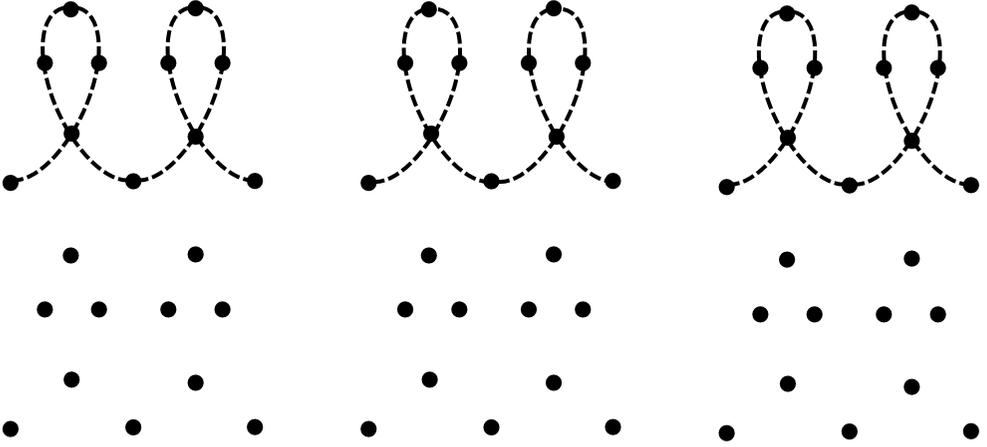
Exercices

Trace des lignes.

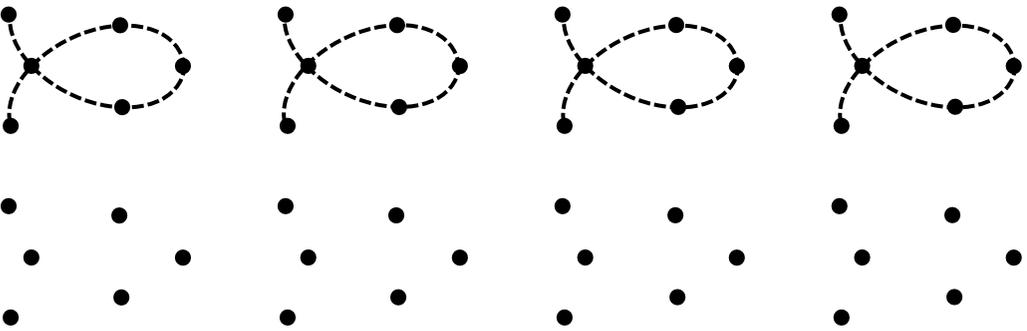
30



31



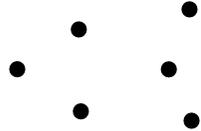
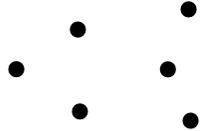
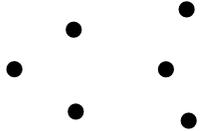
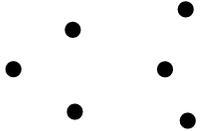
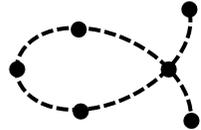
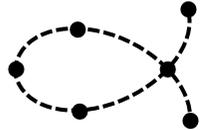
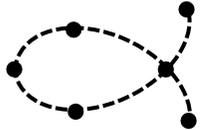
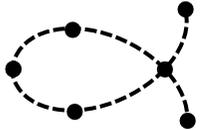
32



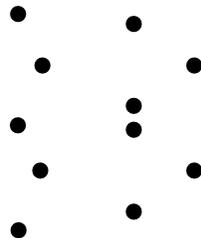
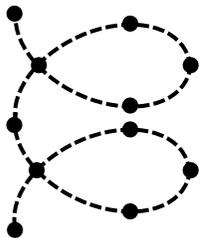
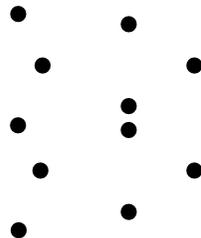
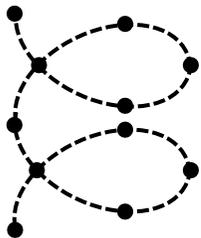
Exercices

Trace des lignes.

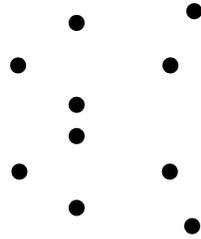
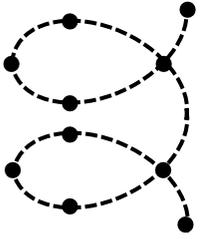
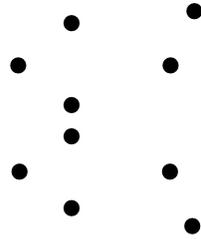
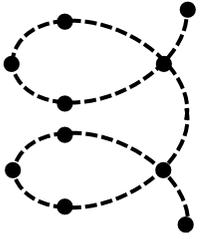
33



34

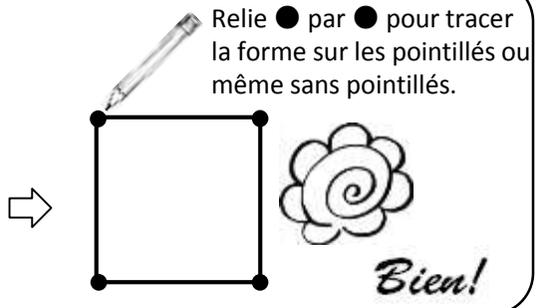
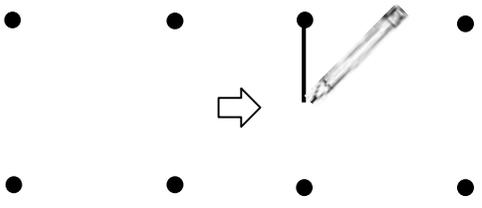


35



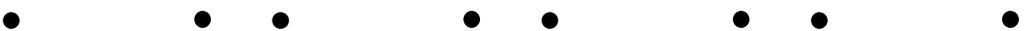
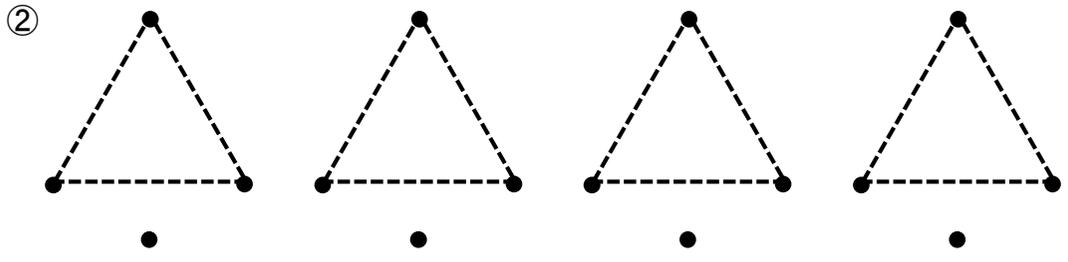
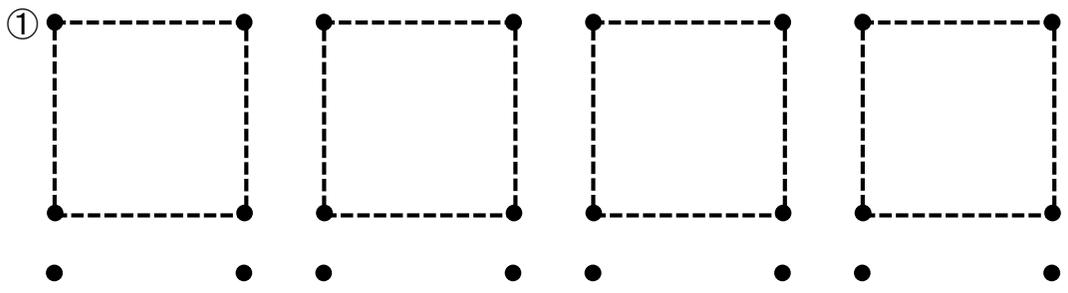
Exemple

Trace des formes.



Exercices

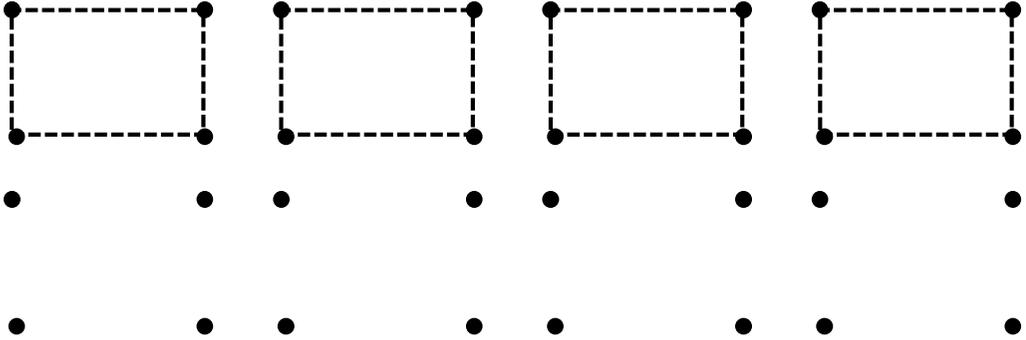
Trace des formes.



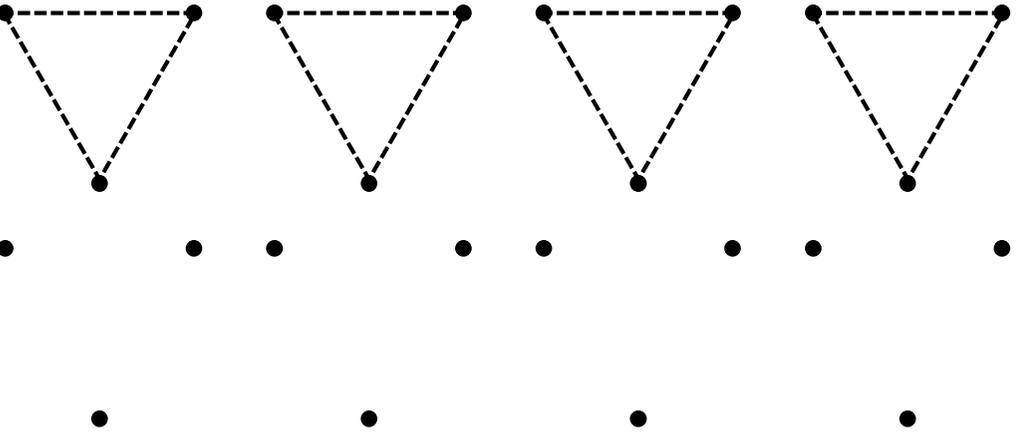
Exercices

Trace des formes.

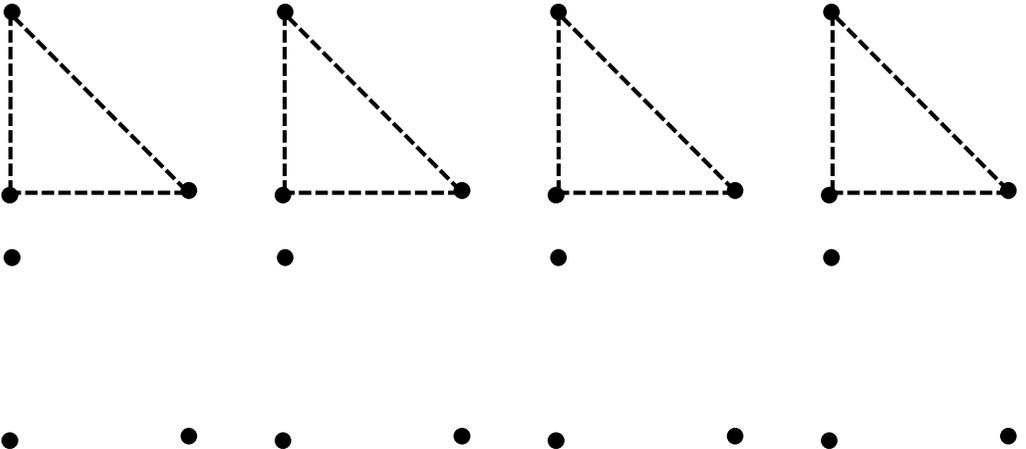
③



④

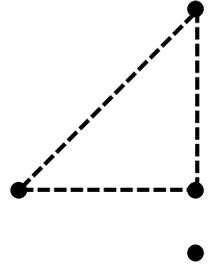
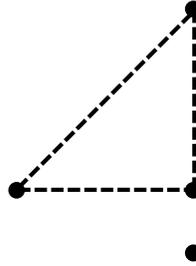
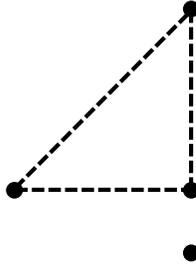
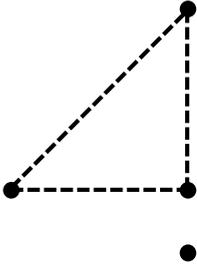


⑤

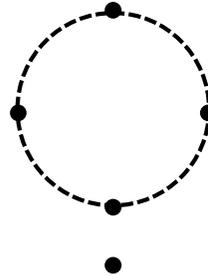
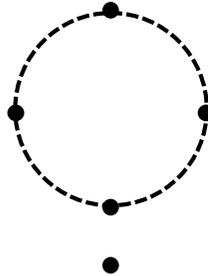
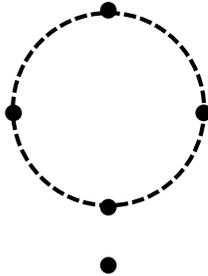
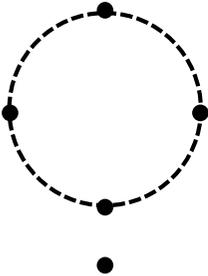


Exercices Trace des formes.

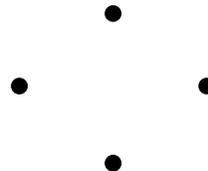
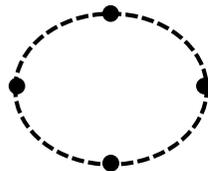
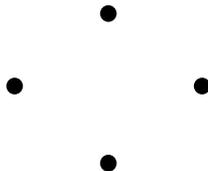
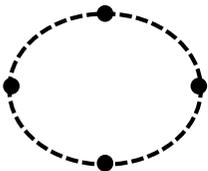
⑥



⑦



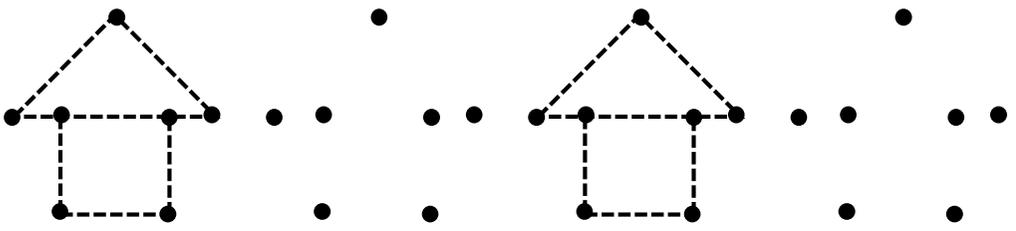
⑧



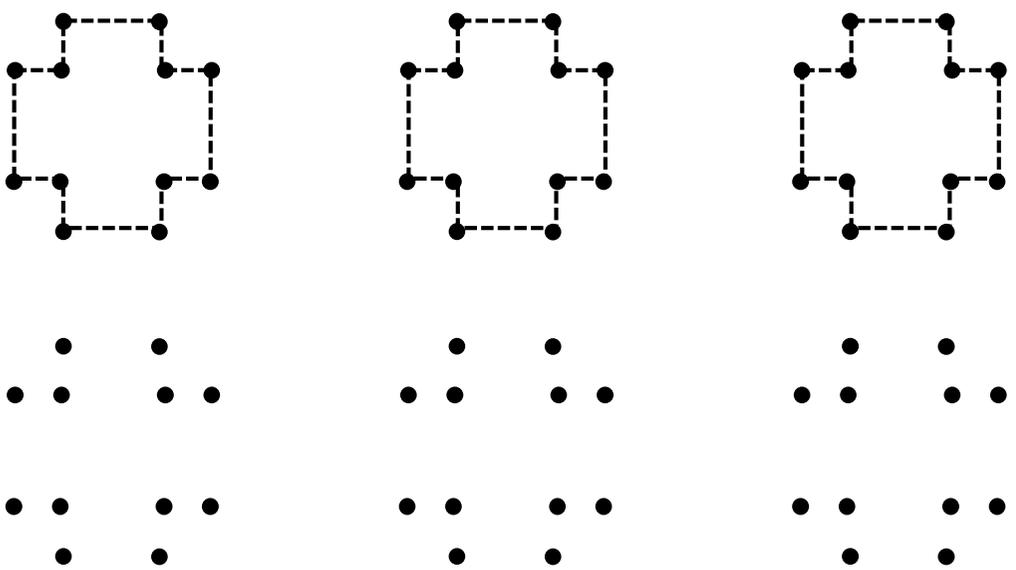
Exercices

Trace des formes.

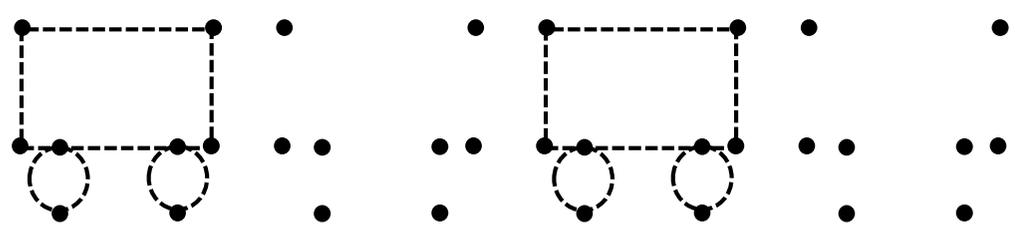
⑨



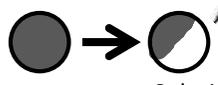
⑩



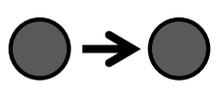
⑪



Exemple Colorie comme à gauche les formes.



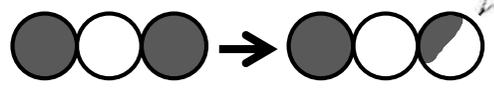
Colorie l'intérieur de O comme ● à gauche.



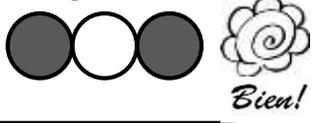
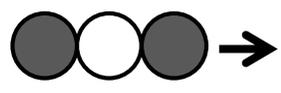
Exemple Colorie comme à gauche les formes.



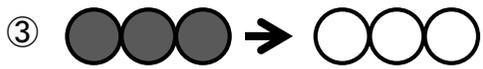
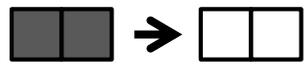
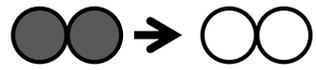
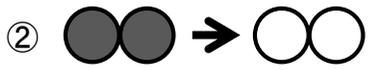
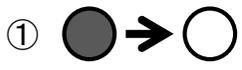
Le milieu n'est pas en noir.



Colorie l'intérieur de O dans la même place de ● à gauche.

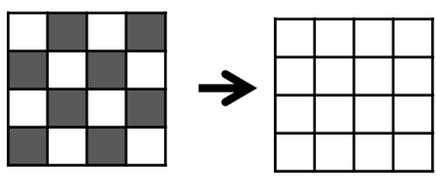
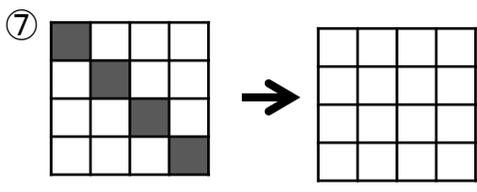
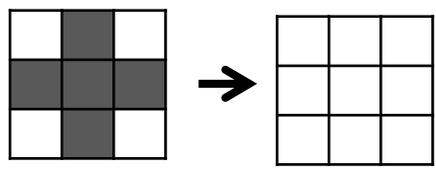
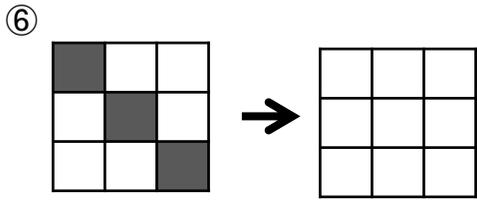
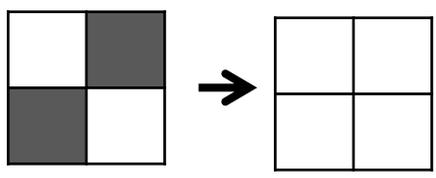
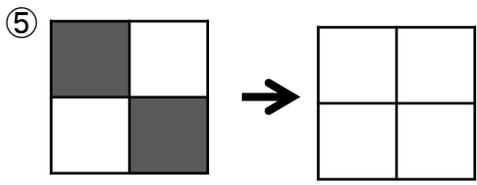
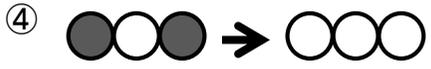


Exercices Colorie comme à gauche les formes.



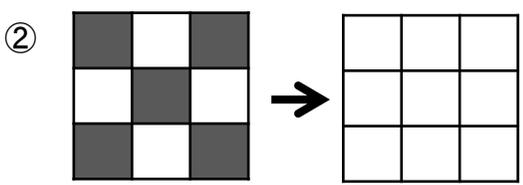
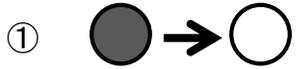
Exercices

Colorie comme à gauche les formes.



Application

Colorie comme à gauche les formes.

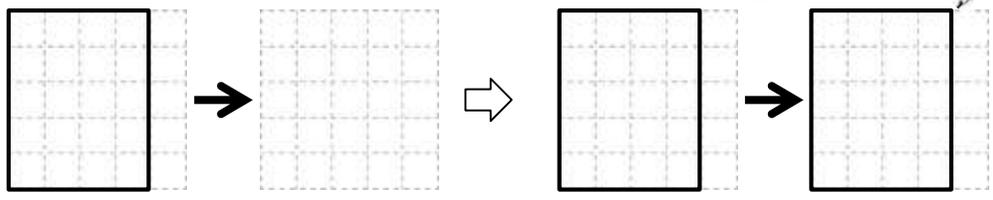


Exemple

Trace des formes sur les carreaux.



Bien!



Exercices

Trace des formes sur les carreaux.

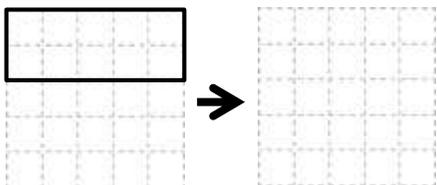
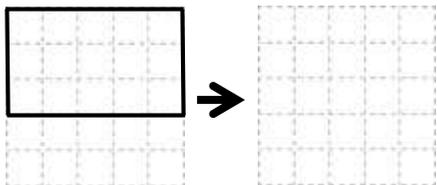
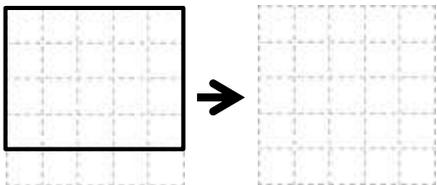
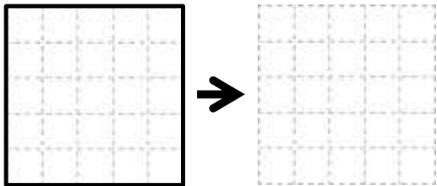
①

②

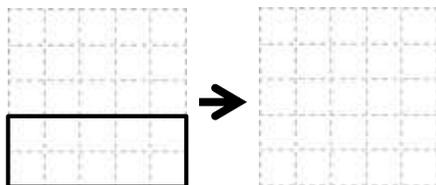
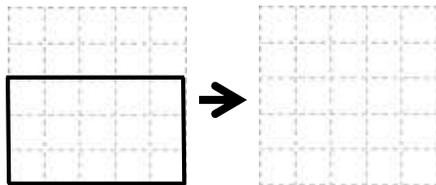
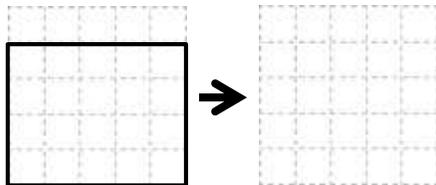
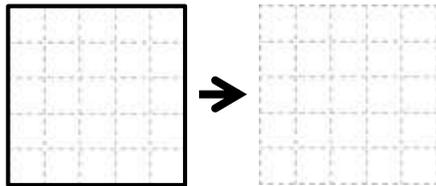
Exercices

Trace des formes sur les carreaux.

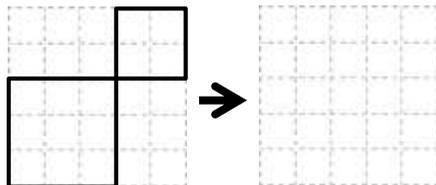
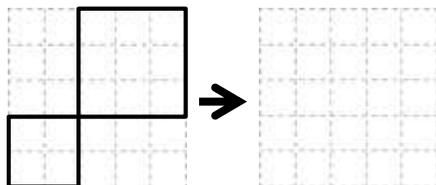
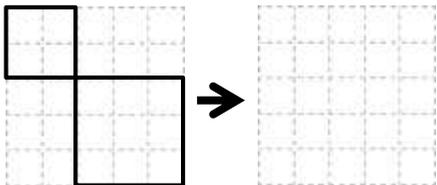
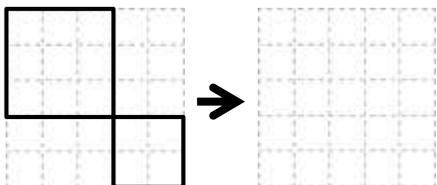
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④



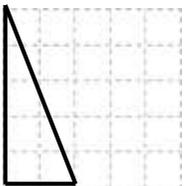
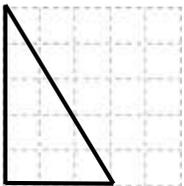
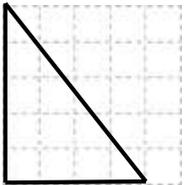
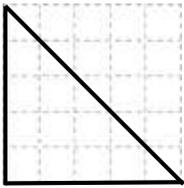
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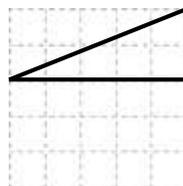
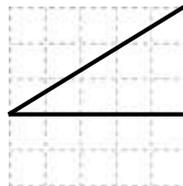
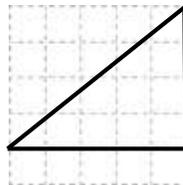
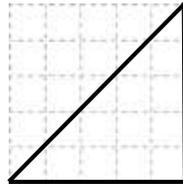
Exercices

Trace des formes sur les carreaux.

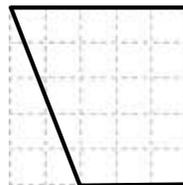
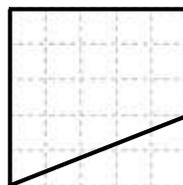
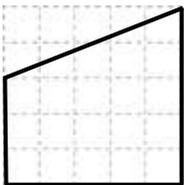
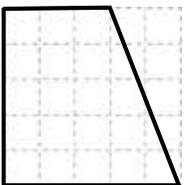
⑥



⑦



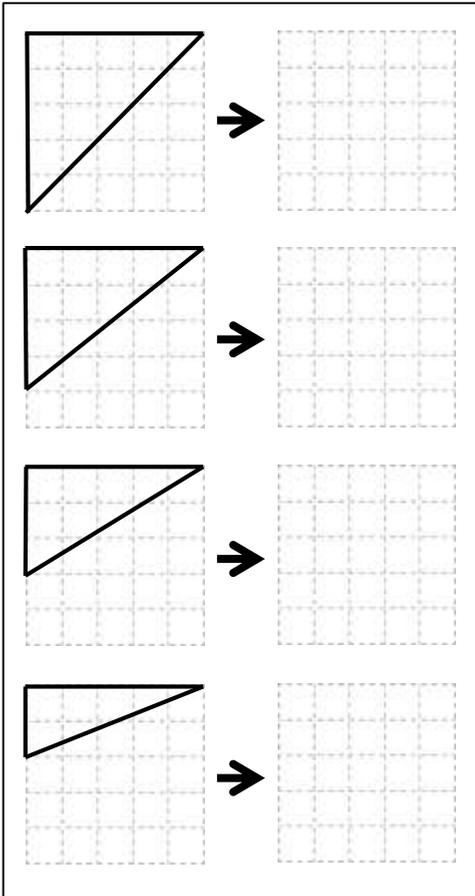
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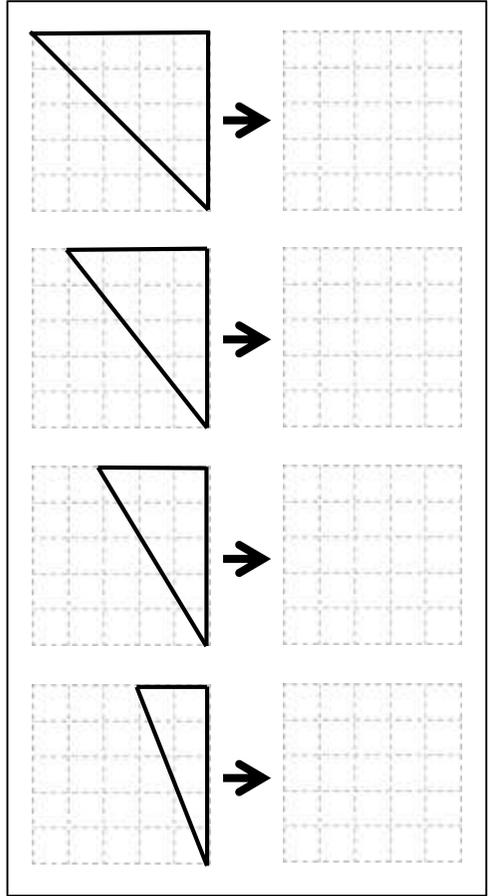
Exercices

Trace des formes sur les carreaux.

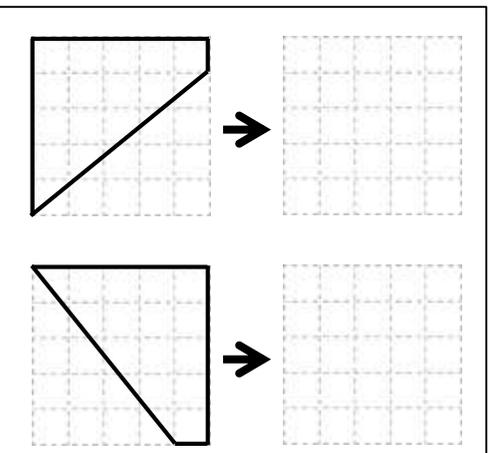
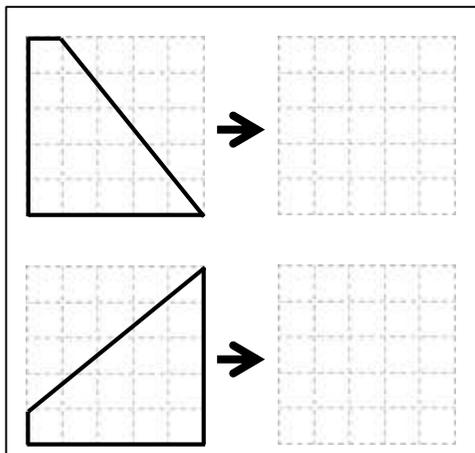
⑨



⑩

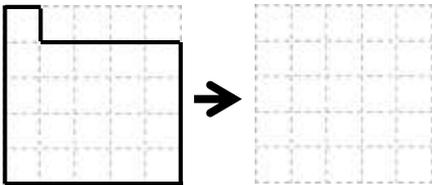
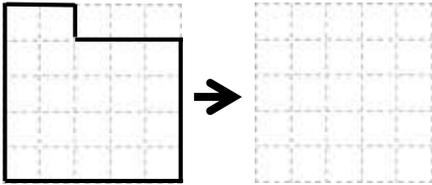
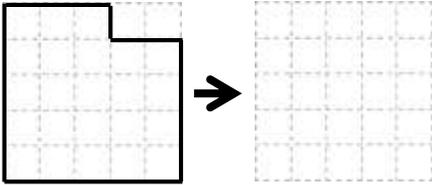
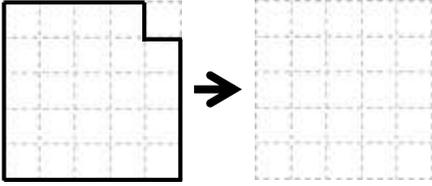


⑪

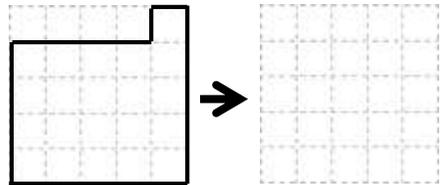
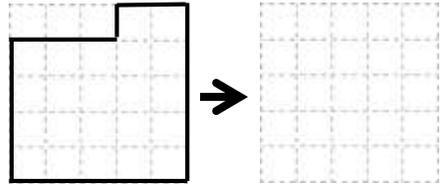
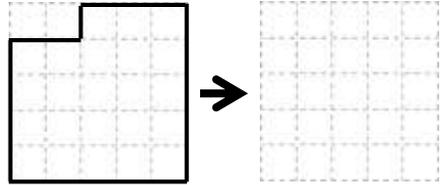
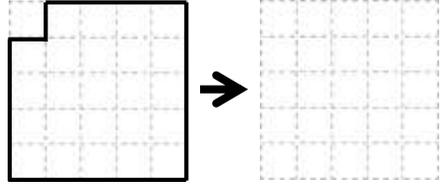


Exercices Trace des formes sur les carreaux.

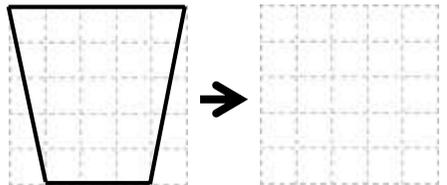
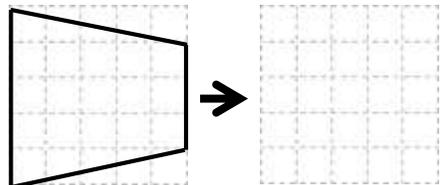
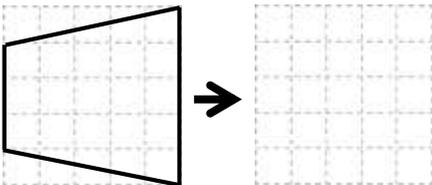
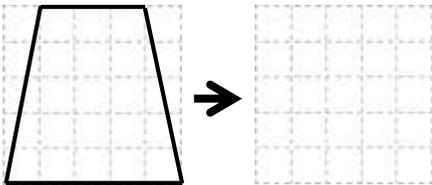
⑫



⑬



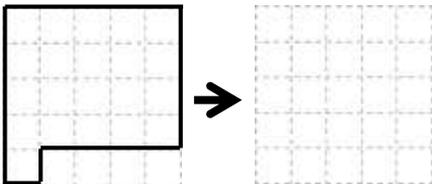
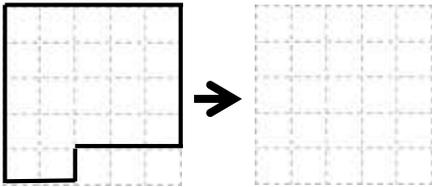
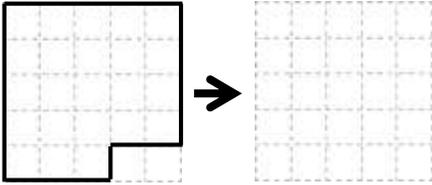
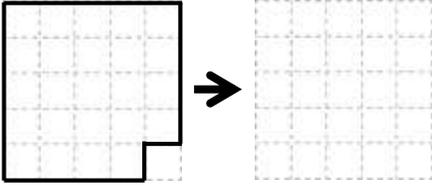
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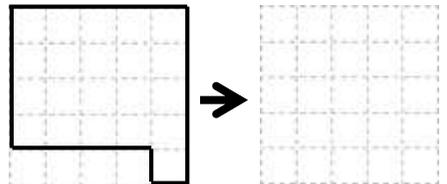
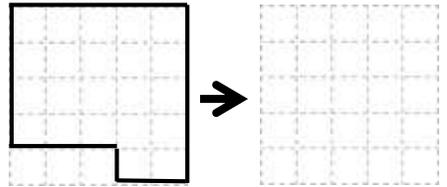
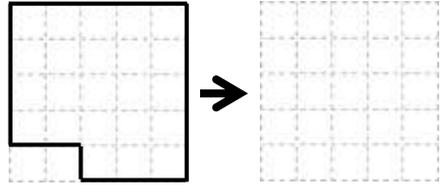
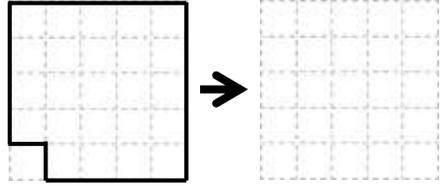
Exercices

Trace des formes sur les carreaux.

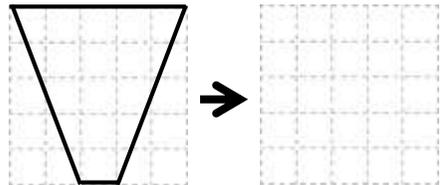
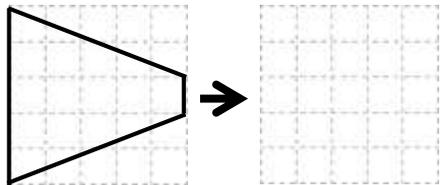
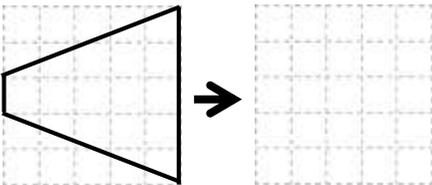
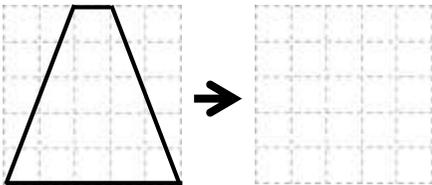
⑮



⑯



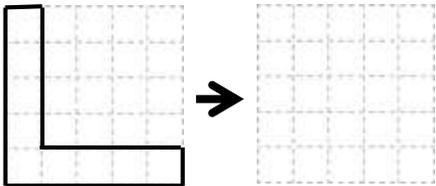
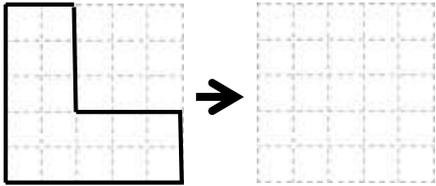
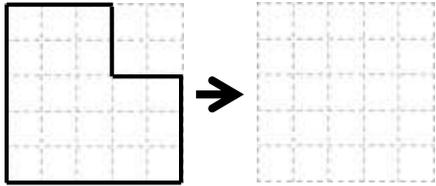
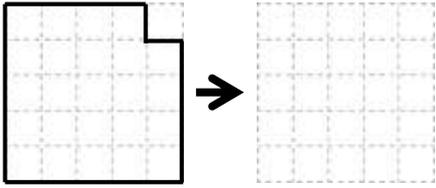
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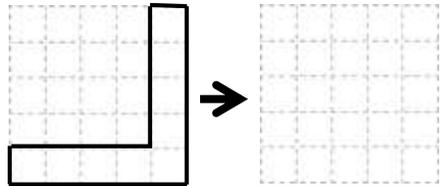
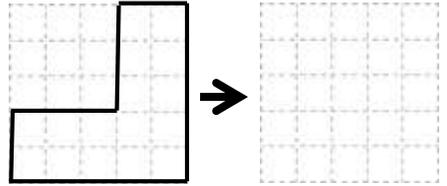
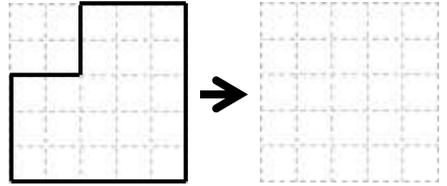
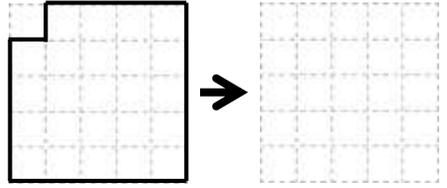
Exercices

Trace des formes sur les carreaux.

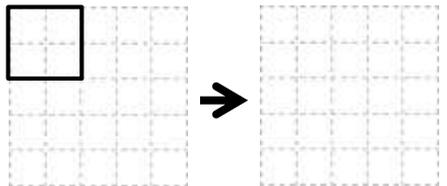
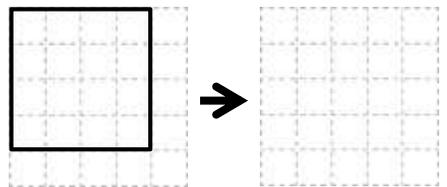
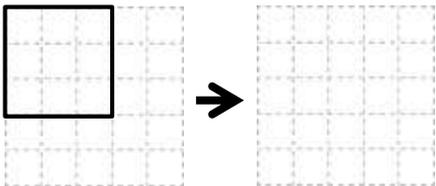
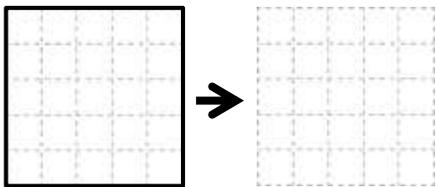
18



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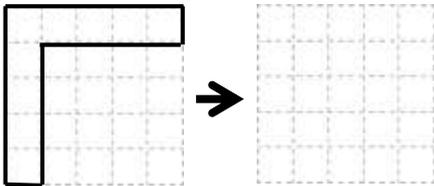
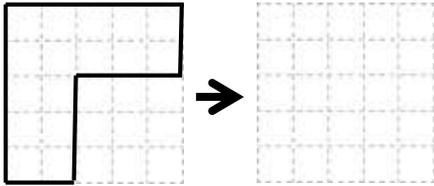
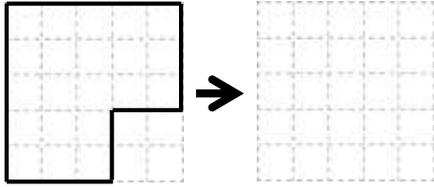
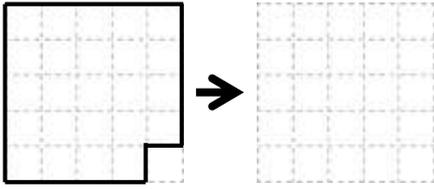


20

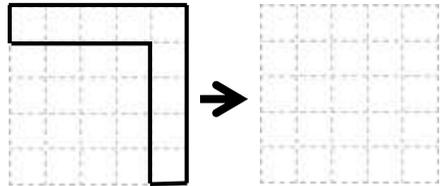
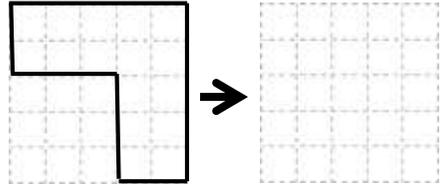
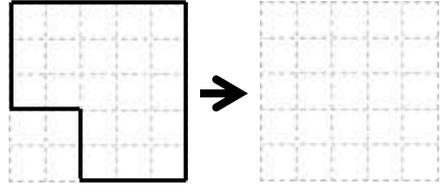
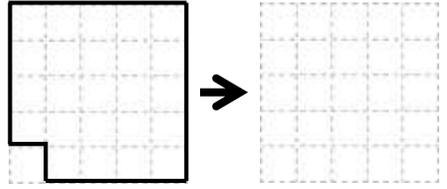


Exercices Trace des formes sur les carreaux.

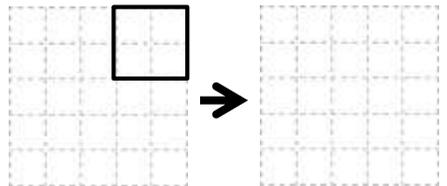
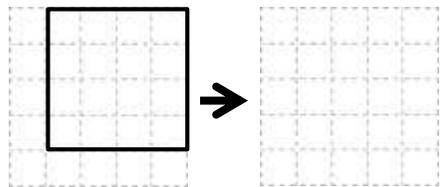
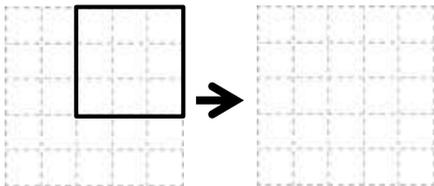
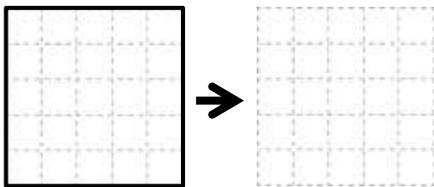
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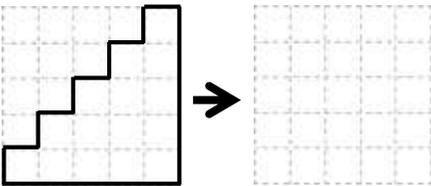
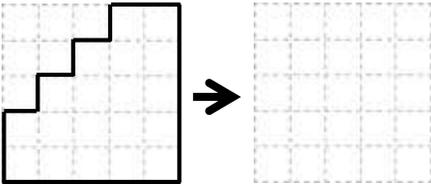
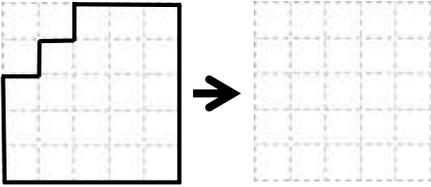
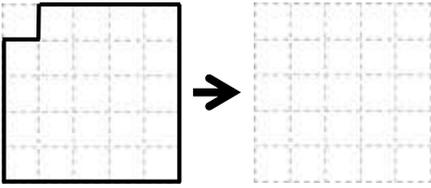


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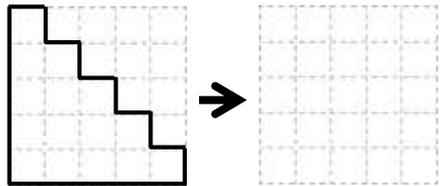
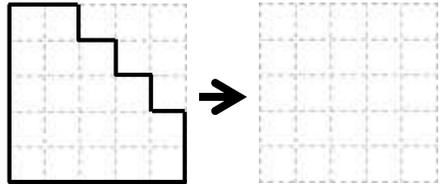
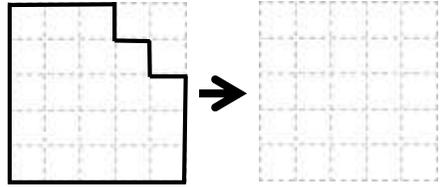
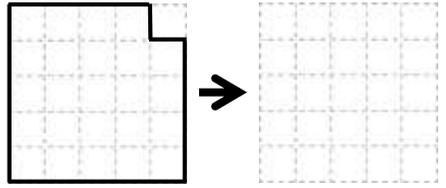


Exercices Trace des formes sur les carreaux.

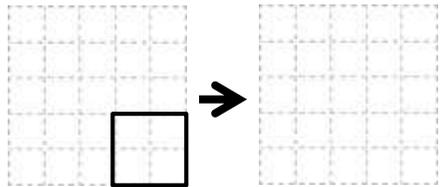
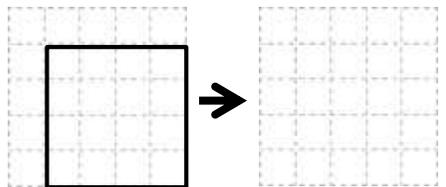
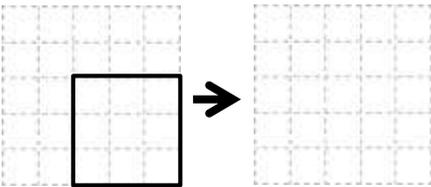
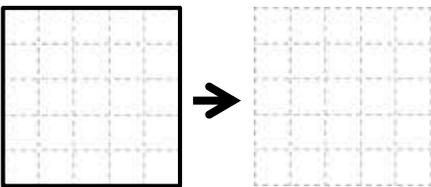
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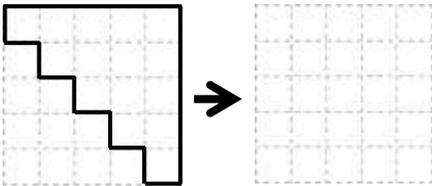
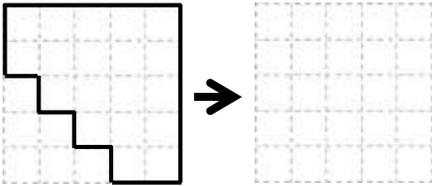
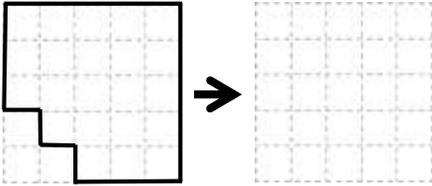
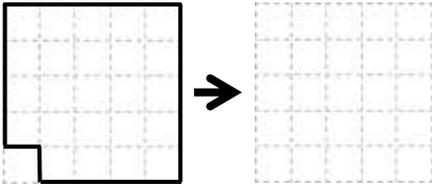
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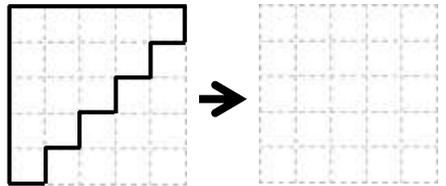
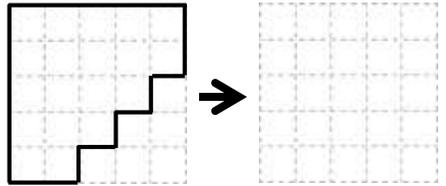
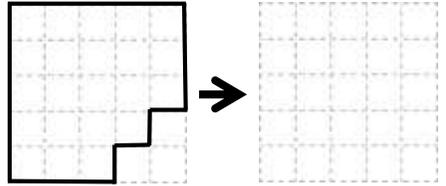
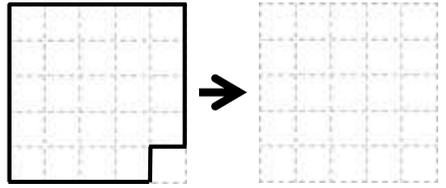
Exercices

Trace des formes sur les carreaux.

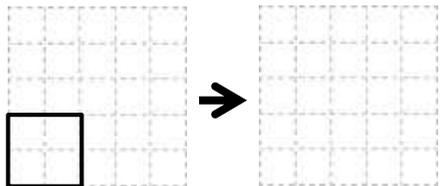
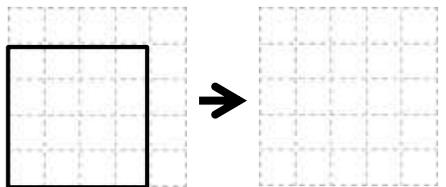
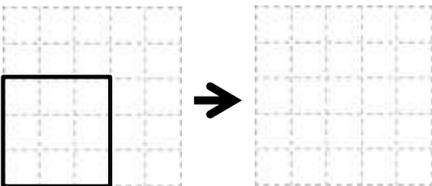
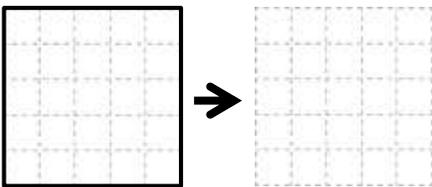
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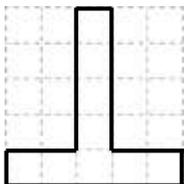
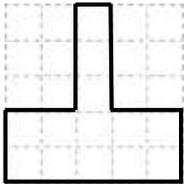
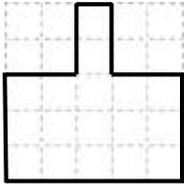
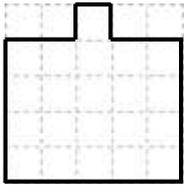
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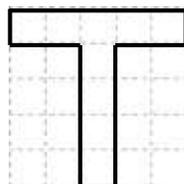
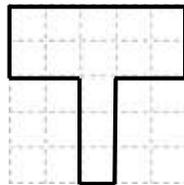
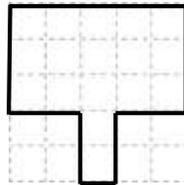
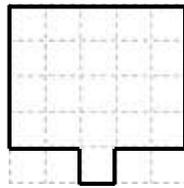
Exercices

Trace des formes sur les carreaux.

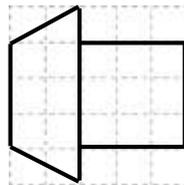
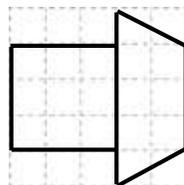
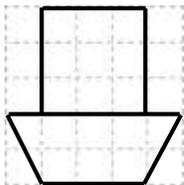
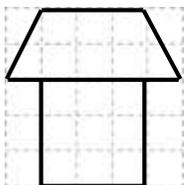
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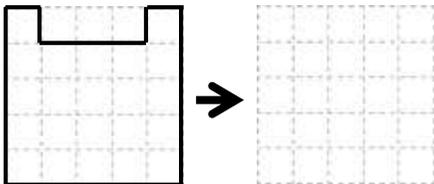
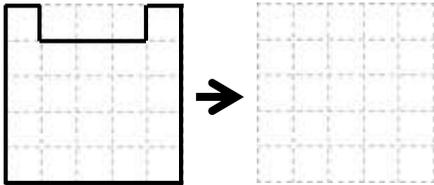
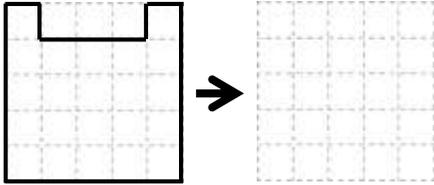
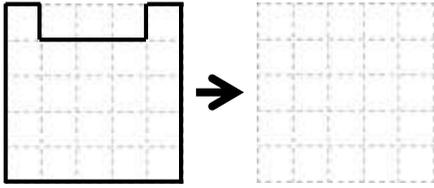


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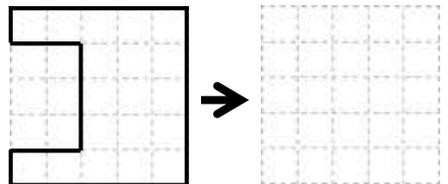
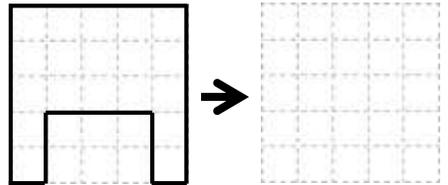
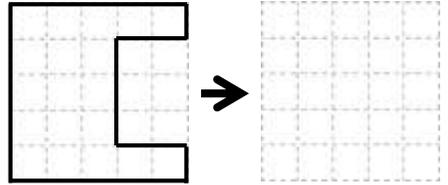
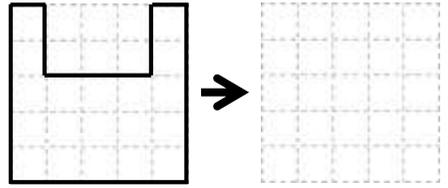


Exercices Trace des formes sur les carreaux.

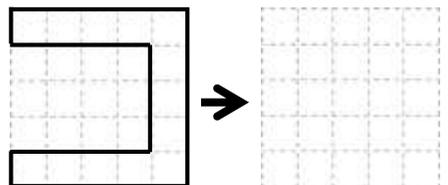
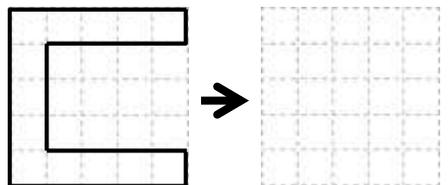
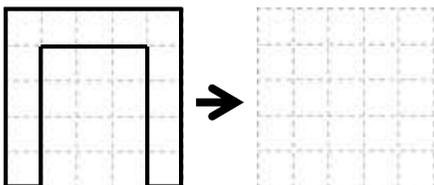
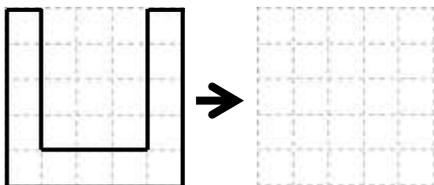
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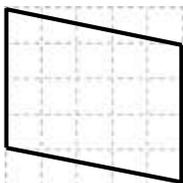
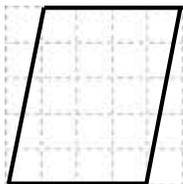
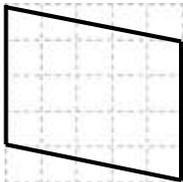
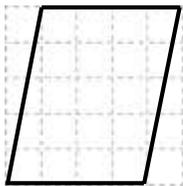
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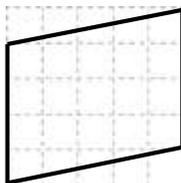
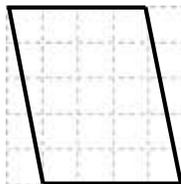
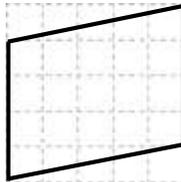
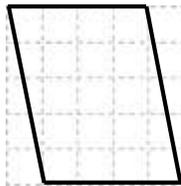
Exercices

Trace des formes sur les carreaux.

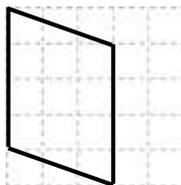
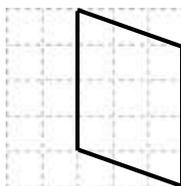
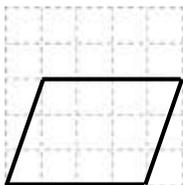
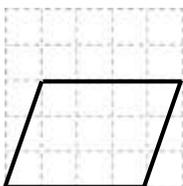
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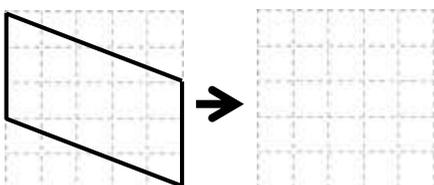
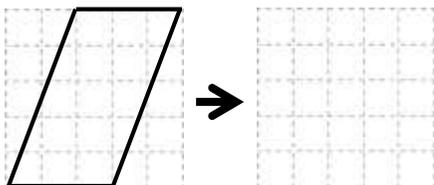
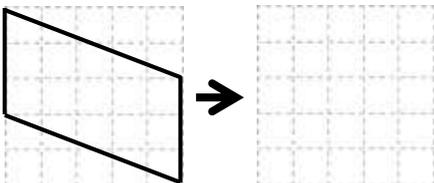
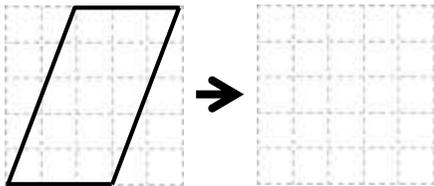


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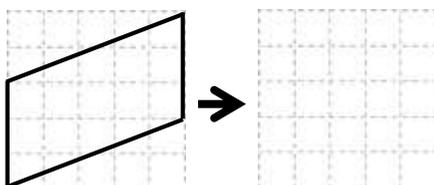
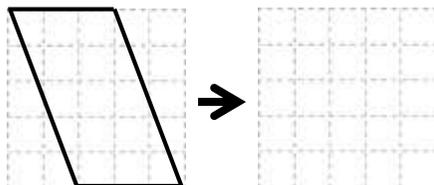
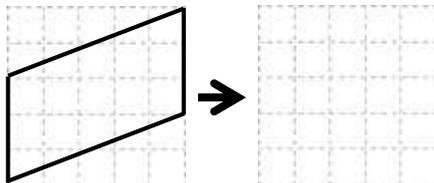
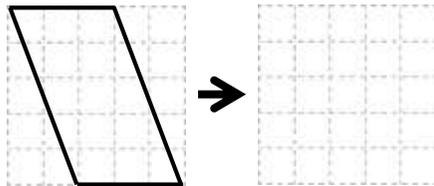


Exercices Trace des formes sur les carreaux.

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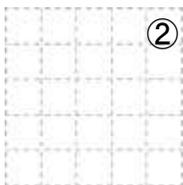
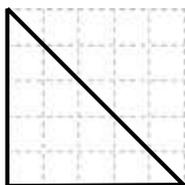


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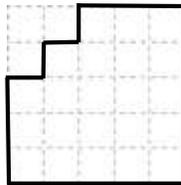


Application Trace des formes sur les carreaux.

①



②



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Projet JICA École Pour Tous (EPT/JICA)

Novembre 2013



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