

Number & Operation

Entire Grade-4 Review (1)

1 Fill in the table and write the number out in words.

Hundred	Ten	One	Hundred	Ten	One	Hundred	Ten	One	Hundred	Tens	Ones
Billions			Millions			Thousands					
1	3	1	7	2	5	8	6	0	0	0	
2	2	0	6	3	0	1	2	0	0	0	

2 Answer the following questions.

1 What is 350 million times 10?

2 What is 80 million times 100?

3 What is 2 million times $\frac{1}{10}$?

3 Round the following numbers to the indicated places.

1 14576 (ten thousand place)

2 7085731 (one thousand place)

3 92860746 (hundred thousand place)

4 Estimate the answers of the following as rounded numbers and then choose the correct answers from (a) to (e).

1 613×48

2 $21462 \div 73$

1		2	
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(a) 29, (b) 294, (c) 2942, (d) 29424, (e) 294249

5 Calculate the following division problems by using the algorithm.

1 $78 \div 6$

2 $324 \div 9$

3 $504 \div 6$

4 $84 \div 28$

5 $432 \div 36$

1		2		3		4		5	
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6 Calculate the following problems by using the algorithm.
Calculate the quotient to the ones place and find the remainder.

- 1** $84 \div 5$ **2** $235 \div 7$ **3** $596 \div 52$ **4** $708 \div 24$ **5** $425 \div 73$

1		2		3		4		5	
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7 Calculate the following problems by using the algorithm.

- 1** $5.27 + 4.83$ **2** $0.289 + 0.052$ **3** $9.24 - 8.34$ **4** $5 - 0.124$
5 3.8×6 **6** 0.142×35 **7** $20.3 \div 7$ **8** $24.6 \div 12$

1		2		3		4	
5		6		7		8	

8 Change the following mixed numbers into improper fractions, improper fractions into mixed numbers or whole numbers.

- 1** $2 \frac{3}{7}$ **2** $1 \frac{2}{11}$ **3** $\frac{43}{6}$ **4** $\frac{23}{4}$ **5** $\frac{72}{8}$

1		2		3		4		5	
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9 Calculate the following problems.

- 1** $\frac{8}{7} + \frac{5}{7}$ **2** $3 \frac{5}{8} + 2 \frac{4}{8}$ **3** $\frac{7}{9} - \frac{5}{9}$ **4** $6 - 4 \frac{4}{5}$

1		2		3		4	
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10 Answer the following questions.

- 1** There are 168 sheets of paper. If 26 sheets are given to each student, how many students will get paper and how many sheets of paper will be left over?

Math sentence

Answer _____

- 2** There are 12 packages, each of which weighs 3.8 kg. What is the total weight of all packages?

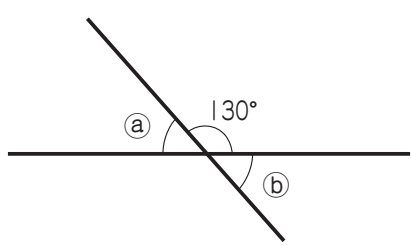
Math sentence

Answer _____

Geometry

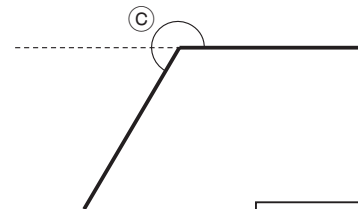
Entire Grade-4 Review (2)

1 Measure the following angles with a protractor.



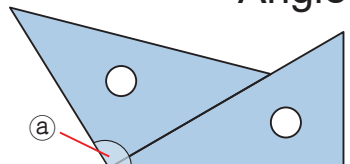
Angle a is

Angle b is

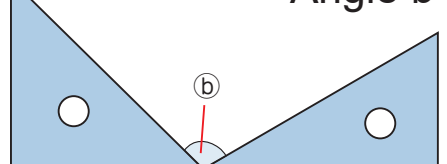


Angle g is

2 Two different set squares are used to make angles as follows. Find the size of each marked angles.



Angle a is

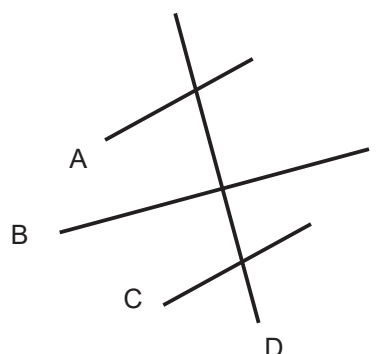


Angle b is

3 Which of the lines shown in the figure below are the following?

1 Pair of perpendicular lines

2 Pair of parallel lines

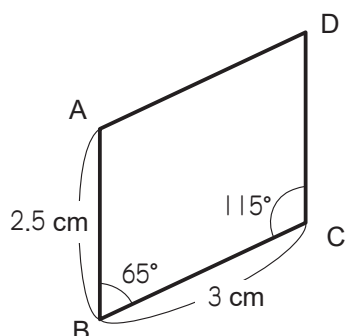


Perpendicular

Parallel

4 Find the following lengths and angles.

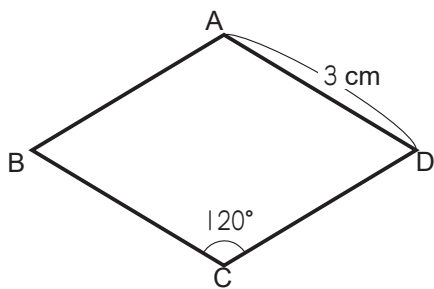
1 Parallelogram



Side AD Side CD

Angle A Angle D

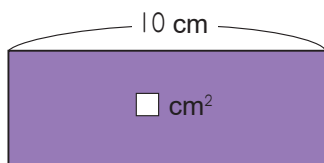
2 Rhombus



Side CD

Angle D Angle A

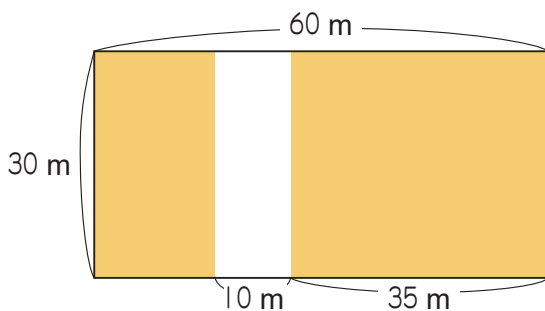
5 We are making a rectangle with a length of 10 cm by bending a 30 cm wire. What is the area of the rectangle in cm^2 ?



Math sentence

Answer _____

6 In the following rectangular field, the width of the path is 10 m. How many a is the area of the field?



Math sentence

Answer _____

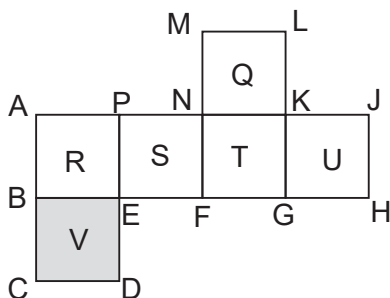
You can calculate the area separately.



Alternatively, you can move the paths and consider the area.



7 We are going to make a cube by folding the net below.



1 Colour the face being opposite of the shaded face.

2 Circle the name of vertexes matching up with vertex D.

3 Which of edges matching up with edge AB Answer

4 Which faces are perpendicular to edge NF Answer

Change & Relation

Entire Grade-4 Review (3)

1 I read 15 pages of 240-page book every day. Let's answer the following questions.

1 Summarize the relationship between the number of read pages and number of remaining pages in a table.

Number of read pages	15	30	45	60	75	90	105
Number of remaining pages	225						

2 If the number of read increase by 15 cm, how does the number of remaining pages change?

3 Looking at the table and let's make a math sentence that the number of read pages is ○ pages and number of remaining pages is □ pages.

4 If the number of read page is 150 pages, what is the number of remaining pages?

2 We ride a bus. The bus goes 40 km par an hour.

1 Summarize the relationship between the hour and distance to go in a table.

Hour	0	1	2	3	4	5	6	7	8	...
Distance to go (km)	0	40								...

3 Looking at the table and let's make a math sentence that the hour is ○ hour and the distance to go is □ km.

4 If you ride the bus 6 hours, how many km you can go?

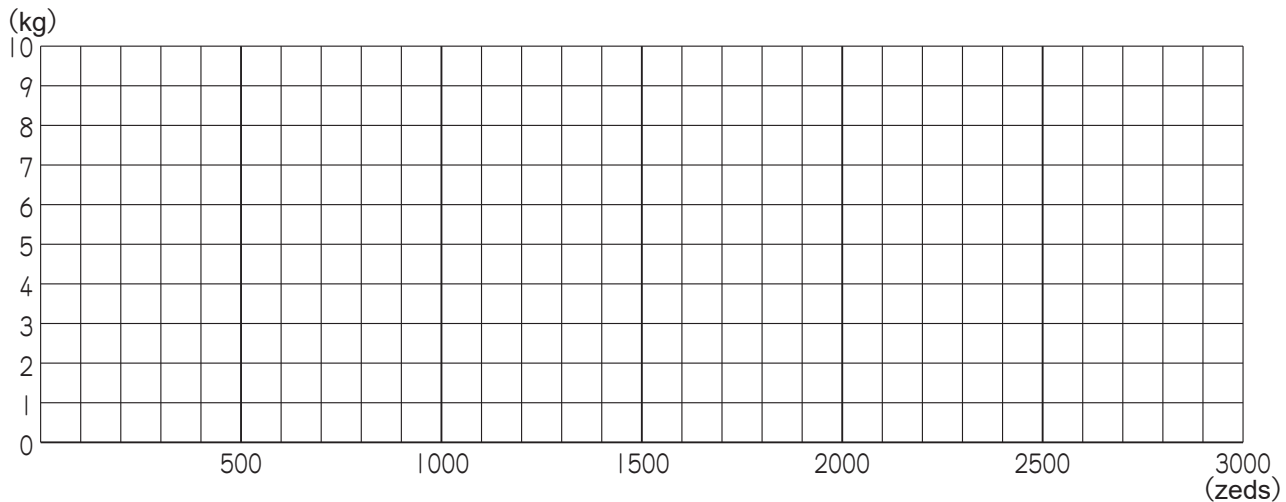
5 My sister live in the village 140 km away from my house. How many hours will it take to get to my sister's village by this bus?

3 There are the potato in the shops. 1 kg cost 300 zeds.

1 Summarize the relationship between the kg of potato and price in a table.

Kg of potato	0	1	2	3	4	5	6	7	8	9	10
zeds (Price)	0										

2 Look at the table and draw a graph.



3 If the kg of potato increase by 1 kg, how does the price change?

4 Looking at the table and let's make a math sentence that the kg of potato is ○ kg and price is □ .

5 If we buy 10 kg of potatoes, what is the price?

6 If the price is 2700 zeds, how many kg of potatoes did you buy?

7 If you buy 2.5 kg of potatoes, how many kg of potatoes can you buy?

8 If you have 450 zeds, how many kg of potatoes can you buy?

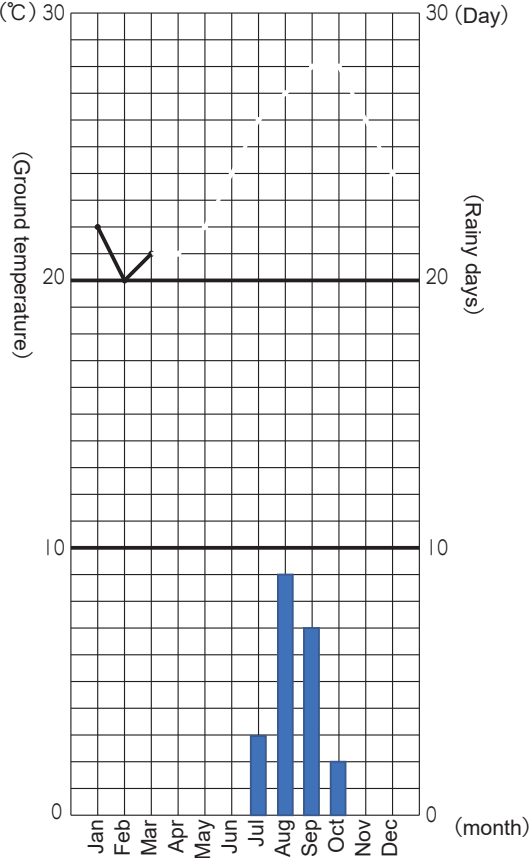
Data Utilization

Entire Grade-4 Review (4)

- 1** A farmer is considering planting plans. The table below shows grand temperature in a line graph and number of rainy days in a bar graph in each month. Finish drawing the line graphs and answer the following questions.

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temperature in country A (°C)	22	20	21	21	22	24	26	27	28	28	26	24
Number of rainy days in country A (day)	0	0	0	0	0	0	3	9	7	2	0	0

Ground temperatures and number of rainy day in Country A
(°C) 30 (Day)



- 1** In which month was the temperature highest? How much was it?
 Month: Temperature: °C
- 2** In which month was the temperature lowest? How much was it?
 Month: Temperature: °C
- 3** In which month was the number of rainy days most? How many days were there?

Month: Rainy Days:

4 If you have to sow seeds before rain, in which month is the most appropriate?

2 A teacher planned to have an online lesson and investigated if his classmates had PCs or smartphones. The following information was gathered.

- 24 children have PCs.
- 11 children have PCs and smartphones.
- 8 children have smartphones but no PCs.
- 18 children do not have smartphones.
- A boy's class has 37 children.

1 Fill in the blank of the table with the numbers of children you know.

		PCs		Total
		Have	Do not have	
Smartphones	Have			
	Do not have			
Total				

2 How many children do not have neither PCs nor smartphones?

3 How many children only have PCs?

4 How many children do not have PCs?

5 How many children have smartphones?