Number & Operation

Entire Grade-5 Review (1)

1 Write the correct numbers in the □.

1 $35.678 = 30 + 5 + 0.6 + 0.07 + 0.008$
$= 10 \times \square + 1 \times \square + 0.1 \times \square + 0.01 \times \square + 0.001 \times \square$

2 $10 \times 5 + 1 \times 7 + 0.1 \times 2 + 0.01 \times 8 =$ □

3 7.04 times 10 is □

4 7.04 times 100 is □

5 0.8 times $\frac{1}{10}$ is □

6 0.8 times $\frac{1}{100}$ is □

2 Write the least common multiple of the numbers in each ( ).

1 (4, 7) □ **2** (8, 18) □ **3** (12, 14) □

3 Write the greatest common factors of the numbers in each ( ).

1 (12, 15) □ **2** (10, 18) □ **3** (27, 36) □

4 Categorize the following numbers as even, odd, and prime numbers.

2 3 5 9 13 14 15 18 19 20

Even numbers □ Odd numbers □

Prime numbers □

5 Write the correct number in the □.

1 $\frac{3}{7} = \frac{\square}{14} = \frac{9}{\square}$ **2** $\frac{5}{9} = \frac{\square}{27} = \frac{40}{\square}$

3 $5 \div 6 = \frac{5}{\square}$ **4** $\frac{4}{9} = 4 \div \square$

6 Calculate the following problems by using the algorithm.

1 2.8×5.4 **2** 6.6×4.5 **3** 0.28×0.79 **4** 2.64×4.2

5 $16.2 \div 3.6$ **6** $0.15 \div 1.2$ **7** $6.79 \div 1.94$ **8** $7 \div 0.05$

1		2		3		4	
5		6		7		8	

7 Calculate the following by finding a common denominator.

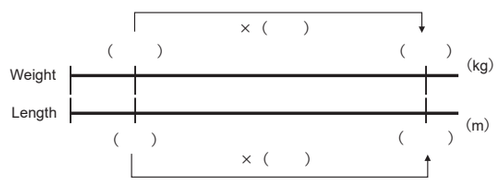
1 $\frac{1}{5} + \frac{2}{7}$ **2** $\frac{5}{24} + \frac{5}{8}$ **3** $1\frac{5}{6} + \frac{3}{4}$ **4** $1\frac{3}{10} + 3\frac{8}{15}$

5 $\frac{5}{8} - \frac{9}{20}$ **6** $\frac{7}{12} - \frac{1}{3}$ **7** $2\frac{1}{3} - \frac{5}{8}$ **8** $3\frac{1}{9} - 1\frac{2}{3}$

1		2		3		4	
5		6		7		8	

8 There is a 1 m cupper bar that weighs 16.4 kg. How many kg does 5.5 m of this cupper bar weigh?

Math sentence



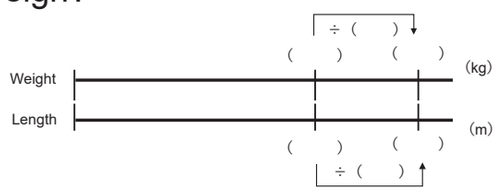
( ) kg	( ) kg
( ) m	( ) m

Complete the number line diagrams and tables.

Answer _____

9 There is a 0.7 m iron bar that weighs 8.82 kg. How many kg does 1 m of this iron bar weigh?

Math sentence

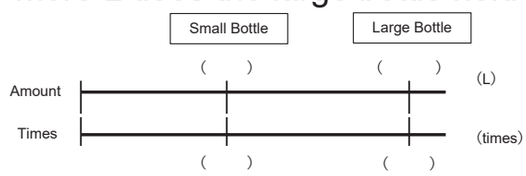


( ) kg	( ) kg
( ) m	( ) m

Answer _____

10 A small bottle holds 4 L of juice and a large bottle holds 9 L of juice. How many times more L does the large bottle hold than the small bottle?

Math sentence



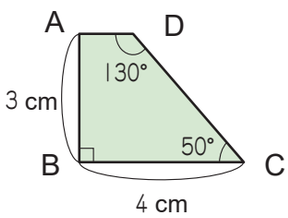
( ) L	( ) L
( )	( ) times

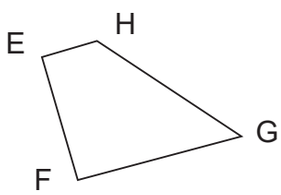
Answer _____

Geometry

Entire Grade-5 Review (2)

1 The following quadrilaterals are congruent. Answer the following questions.





1 Which is the corresponding vertex to vertex E?

Vertex ☐

2 Which is the corresponding angle to angle G? How many degrees is it?

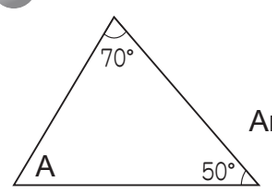
Angle ☐ Size ☐

3 Which is the corresponding side to side EF? How many cm long is it?

Side ☐ Length ☐

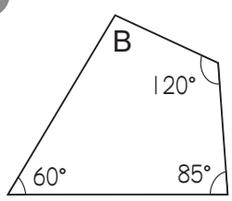
2 Find the size of the following labeled angles below.

1



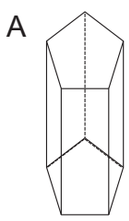
Angle A ☐

2

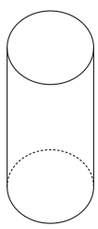


Angle B ☐

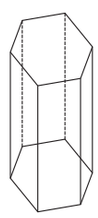
3 Regarding the following solids, answer the following questions.



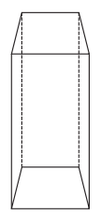
Pentagonal prism



Cylinder



Hexagonal prism



Quadrangular prism

1 Which has curved surface?

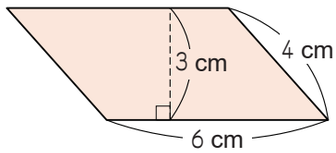
☐

2 Write each name of shape of base.

A ☐ B ☐ C ☐ D ☐

4 Find the area of the following figures.

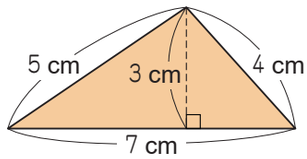
1



Math sentence

Answer _____

2

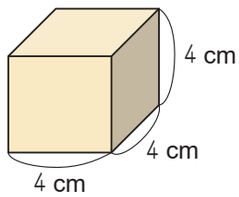


Math sentence

Answer _____

5 Find the volume of the following figures.

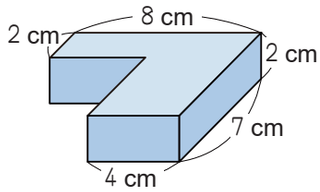
1



Math sentence

Answer _____

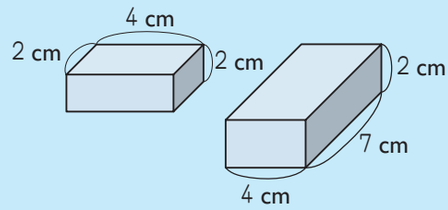
2



Math sentence

Answer _____

This is one way to think



6 Find the circumferences of the following figures.

1 a circle with diameter of 13 cm.

Math sentence

Answer _____

2 a circle with radius of 3.5 cm.

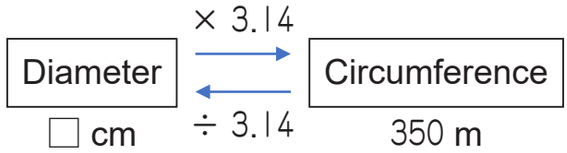
Math sentence

Answer _____

7 A girl measured the length around a rounded pond and found it was 350 m. How many m of the diameter of the pond? Round the first decimal place.

Math sentence

Answer _____



Entire Grade-5 Review (3)

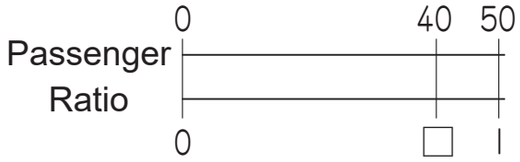
1 The table shows the number of lost items on the market last week. On average, how many items were lost each day?

Days	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Number of lost items	5	4	1	3	6	7	9

Math sentence

Answer _____

2 There are 40 passenger in a bus that has 50 seat. What is the crowdedness of this bus?



Math sentence

Answer _____

3 Car A runs 840 km on 30 L of gasoline and car B runs 750 km on 25 L of gasoline. Which car runs more per L of gasoline, A or B?

Math sentence

Car A

Answer _____

Car B

Answer _____

Answer _____

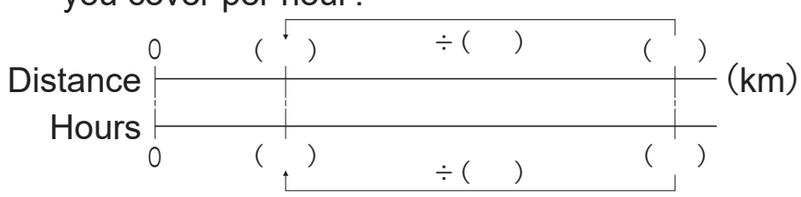
4 It takes 30 minutes to walk from home to school. If you walk at a speed of 120 m per minute, how many km will it take you to get from home to school?

Math sentence

Distance

Answer _____

5 The distance you can go in 4 hours hiking is 21km. how many km do you cover per hour?

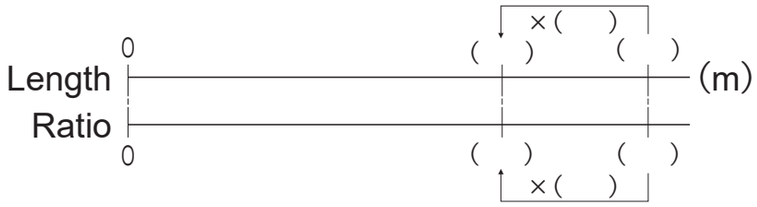


Math sentence

Answer _____

6 Find the number of □ by writing it in math sentence.

(a) 42 m is □% of 56 m.



Math sentence

Answer _____

(b) 80% of 4.5 kg is □ kg.

Math sentence

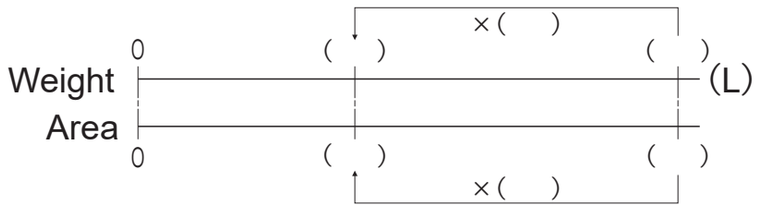
Answer _____

(c) 25% of 2000 zeds is □ zeds.

Math sentence

Answer _____

(d) 40% of □ L is 48 L.

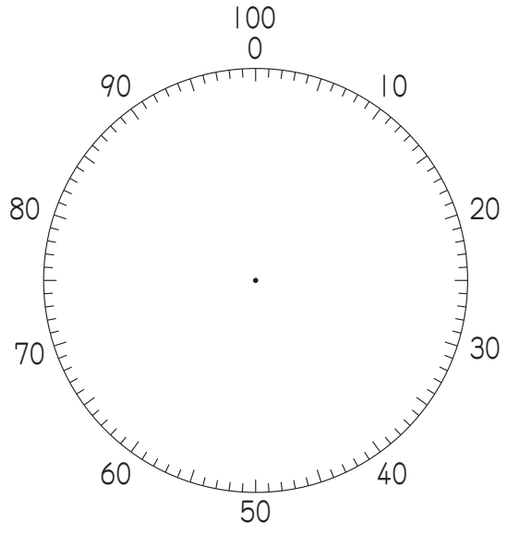


Math sentence

Answer _____

7 The table below shows the number of books per type based on 250 books in book shelf. Find the proportions in the table below and draw the graph on the right.

Animal	Percentage	Number of books
Story		85
Biography		60
Picture book		50
The others		55
Total		250



Data Utilization

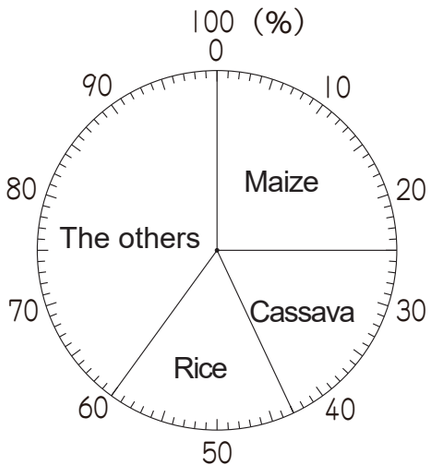
Entire Grade-5 Review (4)

1 The graph on the right shows planted area in crops in a town.

1 Complete the table below.

Name of Crops	Maize	Cassava	Rice	The others
Ratio (%)				

Planted area in crops

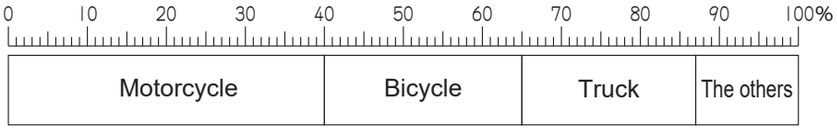


2 The area of agricultural field in the town is 3.5 km^2. Find the area of rice field?

Math sentence

Answer _____

2 The following strip graph shows the result of the survey what kind of vehicles passed for a day.



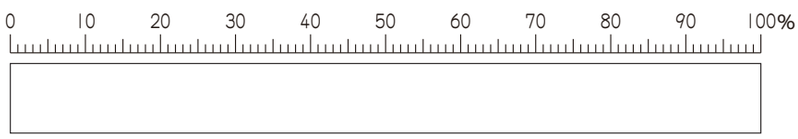
The total number of vehicles was 1000, how many bicycles were passed?

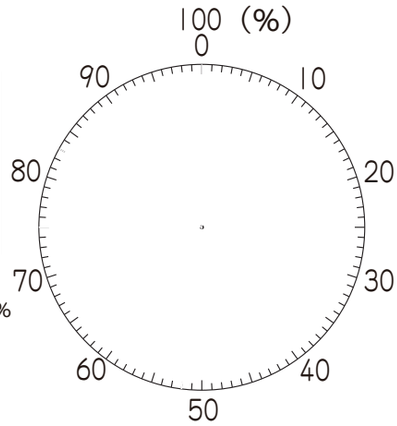
Math sentence

Answer _____

3 The following table shows land use in a town. Complete the circle graph and strip graph.

Land use	Forest	Agriculture	Residence	The others
Ratio (%)	52	23	8	17

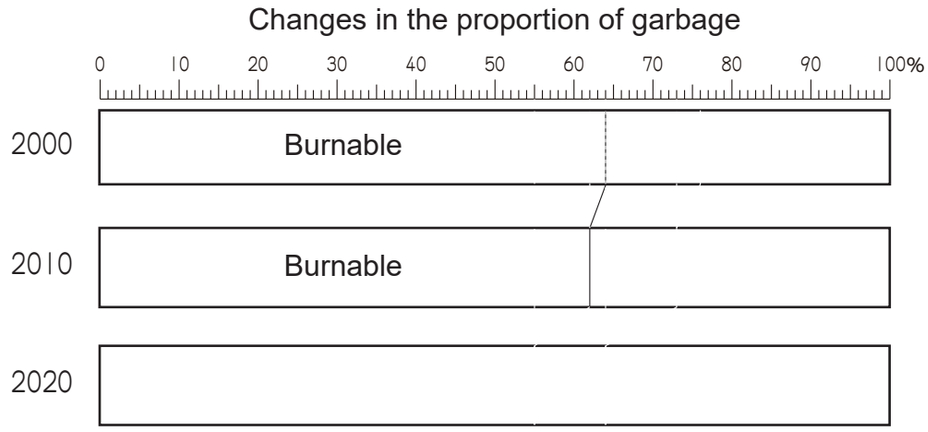




4 The table below shows the proportion of garbage in a city in 2000, 2010, and 2020.

	2000 (%)	2010 (%)	2020 (%)
Burnable garbage	64	62	55
Unburnable garbage	12	11	9
Recyclable garbage	24	27	36

1 Complete the strip graph below



2 How many times the proportion of recyclable garbage is compared to unburnable garbage in 2020.

Math sentence

Answer _____

3 Total amount of garbage in 2000 was 1.2 million ton. How much the amount of burnable garbage in 2000?

Math sentence

Answer _____