



Solve scale drawing problems informally

1

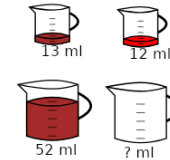
Find the ratio that this equivalent fraction has been multiplied by

$$\frac{1}{2} \times \frac{?}{?} = \frac{3}{6}$$

A	B
$\frac{3}{3}$	$\frac{1}{1}$

2

This sundae needs 12 ml of strawberry for every 13 ml of chocolate. How much strawberry is needed if you have 52 ml of chocolate



- A 48 ml B 51 ml C 43 ml D 54 ml

3

This sundae needs 33 ml of strawberry for every 27 ml of chocolate. How much strawberry is needed if you have 9 ml of chocolate



- A 10 ml B 13 ml C 15 ml D 11 ml

4

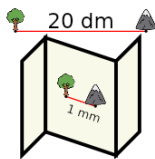
9 mm on the map represents 3,600 mm. What is the scale of the map?



- A 1:4 B 1:4,000 C 1:400,000
D 1:400 E 1:40,000

5

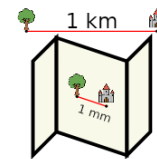
1 mm on the map represents 20 dm. What is the scale of the map?



- A 1:200 B 1:2,000 C 1:2
D 1:20 E 1:2,000,000 F 1:20,000

6

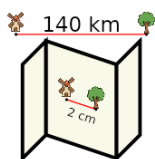
1 mm on the map represents 1 km. What is the scale of the map?



- A 1:10,000,000 B 1:10,000 C 1:100,000
D 1:1,000,000 E 1:1,000,000,000

7

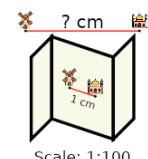
2 cm on the map represents 140 km. What is the scale of the map?



- A 1:700,000 B 1:7,000,000 C 1:7,000
D 1:70,000 E 1:7,000,000,000 F 1:700,000,000

8

The map has a scale of 1:100. How many centimeters would 1 cm on the map represent?



Scale: 1:100

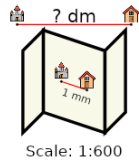
- A 1,000 cm B 1 cm C 10,000 cm
D 100,000 cm E 100 cm



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9

The map has a scale of 1:600. How many decimeters would 1 mm on the map represent?



Scale: 1:600

A 0.06 dm

B 6 dm

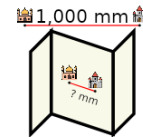
C 0.6 dm

D 600 dm

E 60 dm

10

The map has a scale of 1:1,000. How many millimeters on the map would represent 1,000 mm?



Scale: 1:1,000

A 0.01 mm

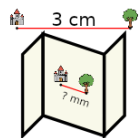
B 100 mm

C 0.1 mm

D 1 mm

11

The map has a scale of 1:30. How many millimeters on the map would represent 3 cm?



Scale: 1:30

A 0.1 mm

B 10 mm

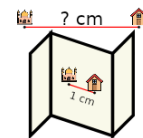
C 100 mm

D 1,000 mm

E 1 mm

12

The map has a scale of 1:10. How many centimeters would 1 cm on the map represent?



Scale: 1:10

A 1 cm

B 10 cm

C 0.1 cm

D 0.01 cm

E 10,000 cm