

#1

Choose the best answer

An archaeologist is drawing a scale drawing of a dinosaur skeleton. If she is using a 1 centimeter = 6 meters scale and the bone is 18 meters long, how many centimeters should it be?

- 4 centimeters 3 centimeters
 2 centimeters 5 centimeters

Show your work

#2

Choose the best answer

An engineer is drawing a scale drawing of a 6 meter tall boiler. If the scale is 1 centimeter = 3 meters, how many centimeters tall should it be in the drawing?

- 5 centimeters 1 centimeter
 4 centimeters 2 centimeters

Show your work

#3

Choose the best answer

Jack drives a lot as part of his job. Recently he drove 12 miles from the office to a meeting location. How far apart are the office and the meeting location on map with a scale of 1 inch = 6 miles?

- 1 inch 2 inches
 3 inches 0 inches

Show your work

#4

Choose the best answer

Cameron measured a swimming pool and made a scale drawing. The scale he used was 1 millimeter = 5 meters. If the pool is 4 millimeters in the drawing, how long is the actual pool?

- 20 meters 18 meters
 14 meters 16 meters

Show your work

#5

Maya is visiting Mexico and doesn't know her Spanish numbers. On the map she is 2 inches away from her destination. From the road sign ahead she knows that she is 10 miles away from her destination. What scale is the map using?

1 inch = miles

Show your work

#6

Choose the best answer

An architect makes a scale drawing of a fountain with a scale of 1 millimeter = 4 meters. If the drawing shows the fountain as 4 millimeters tall, how tall will it be?

- 21 meters 18 meters
 13 meters 16 meters

Show your work

#7

Choose the best answer

Evan's dad has a to-scale model of a space rocket. The rocket is 4 inches tall. His dad tells him that the real rocket was 24 yards tall. What scale does the model use?

- 1 inch = 8 yards 1 inch = 3 yards
 1 inch = 9 yards 1 inch = 6 yards

Show your work

#8

Emma drew a scale drawing of a house and its lot. The scale of the drawing was 1 centimeter = 3 meters. The actual width of the lawn in backyard is 6 meters. How wide is the lawn in the drawing?

centimeters

Show your work

#9

Choose the best answer

Nick measured a swimming pool and made a scale drawing. The scale he used was 1 millimeter = 3 meters. If the pool is 3 millimeters in the drawing, how long is the actual pool?

- 10 meters 6 meters
 8 meters 9 meters

Show your work

#10

An engineer is reviewing an intern's work. The intern drew a scale drawing that is a 3 centimeter tall building, but the intern forgot to write down what scale he's using. If the engineer reviews the project and finds that the building is supposed to be 12 meters tall, what scale is the intern using?

$$1 \text{ centimeter} = \boxed{} \text{ meters}$$

Show your work

#11

Choose the best answer

An architect makes a scale drawing of a fountain with a scale of 1 millimeter = 4 meters. If the drawing shows the fountain as 2 millimeters tall, how tall will it be?

- 7 meters 5 meters
 11 meters 8 meters

Show your work

#12

Choose the best answer

Owen is drawing a scale drawing of a statue for school. The statue is 18 meters high. If the scale he's using is 1 centimeter = 6 meters, how many centimeters tall should he draw the statue?

- 3 centimeters 4 centimeters
 2 centimeters 0 centimeters

Show your work

Question	Answer
#1	choice 2
#2	choice 4
#3	choice 2
#4	choice 1
#5	5
#6	choice 4
#7	choice 4
#8	2
#9	choice 4
#10	4
#11	choice 4
#12	choice 1