

#1

Choose the best answer

Sarah is practicing her cartography and maps out her house. She uses a scale of 1 millimeter = 5 meters. If her bedroom is 4 millimeters across, how big is it?

- 22 meters 26 meters
 24 meters 20 meters

Show your work

#2

Choose the best answer

Joshua the archaeologist is doing a scale drawing of a hadrosaur bone that is 12 meters long. If he's using a 1 centimeter = 6 meters scale, how many centimeters long should he draw the bone?

- 3 centimeters 4 centimeters
 5 centimeters 2 centimeters

Show your work

#3

Choose the best answer

An archaeologist is drawing a scale drawing of a dinosaur skeleton. If she is using a 1 centimeter = 4 meters scale and the bone is 16 meters long, how many centimeters should it be?

- 1 centimeter 4 centimeters
 5 centimeters 7 centimeters

Show your work

#4

Choose the best answer

Jackson is drawing a scale drawing of a statue for school. The statue is 8 meters high. If the scale he's using is 1 centimeter = 4 meters, how many centimeters tall should he draw the statue?

- 1 centimeter 2 centimeters
 5 centimeters 0 centimeters

Show your work

#5

Choose the best answer

Natalie the archaeologist is doing a scale drawing of a hadrosaur bone that is 15 meters long. If she's using a 1 centimeter = 5 meters scale, how many centimeters long should she draw the bone?

- 4 centimeters 6 centimeters
 5 centimeters 3 centimeters

Show your work

#6

Choose the best answer

Benjamin draws a woman to scale. If the scale is 1 millimeter = 5 meters and the woman is 2 millimeters tall in the drawing, how tall is he really?

- 11 meters 9 meters
 10 meters 8 meters

Show your work

#7

Choose the best answer

Connor is an engineer and is drawing a scale model of a centrifuge for an oil company. If the centrifuge is 8 meters tall and he's using a scale of 1 centimeter = 4 meters, then how many centimeters tall should the centrifuge be in the drawing?

- 0 centimeters 2 centimeters
 1 centimeter 5 centimeters

Show your work

#8

Choose the best answer

Zachary is drawing a scale drawing of a statue for school. The statue is 6 meters high. If the scale he's using is 1 centimeter = 3 meters, how many centimeters tall should he draw the statue?

- 1 centimeter 2 centimeters
 5 centimeters 4 centimeters

Show your work

#9

Choose the best answer

Evan drives a lot as part of his job. Recently he drove 6 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 = 2 miles?

- 1 inch 2 inches
 3 inches 6 inches

Show your work

#10

Choose the best answer

Maya is an engineer and is drawing a scale model of a centrifuge for an oil company. If the centrifuge is 15 meters tall and she's using a scale of 1 centimeter = 5 meters, then how many centimeters tall should the centrifuge be in the drawing?

- 3 centimeters 6 centimeters
- 5 centimeters 0 centimeters

Show your work

#11

Choose the best answer

An archaeologist is drawing a scale drawing of a dinosaur skeleton. If she is using a 1 centimeter = 3 meters scale and the bone is 6 meters long, how many centimeters should it be?

- 5 centimeters 2 centimeters
- 3 centimeters 1 centimeter

Show your work

#12

Choose the best answer

Joshua the archaeologist is doing a scale drawing of a hadrosaur bone that is 12 meters long. If he's using a 1 centimeter = 6 meters scale, how many centimeters long should he draw the bone?

- 3 centimeters 4 centimeters
- 5 centimeters 2 centimeters

Show your work

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