#1

Samantha draws a scale drawing of a boat with a scale of 1 millimeter = 6 meters. If in the drawing the boat is 4 millimeters long, how long is it actually?

☐ meters

Show your work

#2

Choose the best answer

A to-scale figure of the space station is 2 inches long. If you know the space station is 6 yards long, what scale did they use for the figure?

- ○ 1 inch = 2 yards
- ○ 1 inch = 0 yards
- ○ 1 inch = 5 yards
- ○ 1 inch = 3 yards

Show your work

#3

Choose the best answer

A to-scale figure of the space station is 3 inches long. If you know the space station is 18 yards long, what scale did they use for the figure?

- ○ 1 inch = 4 yards
- ○ 1 inch = 8 yards
- ○ 1 inch = 9 yards
- ○ 1 inch = 6 yards

Show your work

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#4

A mechanical engineer draws a scale drawing of a big truck. The drawing has a scale of 1 millimeter = 2 meters. If the drawing shows the truck as being 3 millimeters tall, how tall is the truck?

☐ meters

Show your work

#5

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

#6

Choose the best answer

Cameron made a scale drawing of a neighborhood park. The scale of the drawing was 1 millimeter = 3 meters. If the actual length of the volleyball court is 9 meters, how long is the volleyball court in the drawing?

- ○ 0 millimeters
- ○ 5 millimeters
- ○ 3 millimeters
- ○ 1 millimeter

Show your work

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#7

Choose the best answer

Matthew drives a lot as part of his job. Recently he drove 10 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 = 5 miles?

- ○ 1 inch
- ○ 2 inches
- ○ 4 inches
- ○ 5 inches

Show your work

#8

Choose the best answer

Lily made a scale drawing of a neighborhood park. The scale of the drawing was 1 millimeter = 5 meters. If the actual length of the volleyball court is 20 meters, how long is the volleyball court in the drawing?

- ○ 1 millimeter
- ○ 4 millimeters
- ○ 2 millimeters
- ○ 5 millimeters

Show your work

#9

Anna is an engineer and is drawing a scale model of a centrifuge for an oil company. If the centrifuge is 10 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?

☐ centimeters

Show your work

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#10

Choose the best answer

A scale of the Eiffel Tower represents it as being 4 centimeters tall when in reality it is 16 meters tall. What scale is the drawing using?

- ○ 1 centimeter = 5 meters
- ○ 1 centimeter = 4 meters
- ○ 1 centimeter = 6 meters
- ○ 1 centimeter = 7 meters

Show your work

#11

An architect makes a scale drawing of a fountain with a scale of 1 millimeter = 6 meters. If the drawing shows the fountain as 3 millimeters tall, how tall will it be?

☐ meters

Show your work

#12

An engineer is reviewing an intern's work. The intern drew a scale drawing that is a 2 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 4 meters tall, what scale is the intern using?

1 centimeter = ☐ meters

Show your work

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Question	Answer
#1	24
#2	choice 4
#3	choice 4
#4	6
#5	choice 2
#6	choice 3
#7	choice 2
#8	choice 2
#9	2
#10	choice 2
#11	18
#12	2

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