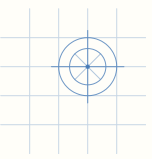


Scale drawings — Mixed scale questions

Name: _____

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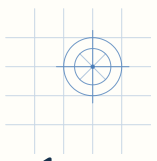


Use the scale to answer each question.

- ① On a garden plan, 1 cm stands for 4 meters. A garden bed is drawn 4 cm by 7 cm. How many square meters is the real garden bed? **448 square meters**
- ② A ship is drawn 12 cm long at 1 cm = 5 meters. Redrawn at 1 cm = 10 meters, how many cm long is it? _____
- ③ A ship is drawn 4 cm long at 1 cm = 3 meters. Redrawn at 1 cm = 4 meters, how many cm long is it? _____
- ④ On a garden plan, 1 cm stands for 10 meters. A garden bed is drawn 3 cm by 6 cm. How many square meters is the real garden bed? _____
- ⑤ On a model of a ship, 1 cm stands for 50 meters. A ship is really 550 meters long. How many cm long is it on the model? _____
- ⑥ On a blueprint, 1 cm stands for 10 meters. A hallway is 12 cm on the blueprint. How many meters is that? _____
- ⑦ On a map, 1 cm stands for 10 km. A road is 8 cm on the map. How many km is that? _____
- ⑧ On a park map, 1 inch stands for 50 miles. A trail is really 250 miles long. How many inches long is it on the map? _____



Scale drawings · Mixed scale questions — Answer key



1. On a garden plan, 1 cm stands for 4 meters. A garden bed is drawn 4 cm by 7 cm. How many square meters is the real garden bed? 448 square meters

2. A ship is drawn 12 cm long at 1 cm = 5 meters. Redrawn at 1 cm = 10 meters, how many cm long is it? 6 cm

3. A ship is drawn 4 cm long at 1 cm = 3 meters. Redrawn at 1 cm = 4 meters, how many cm long is it? 3 cm

4. On a garden plan, 1 cm stands for 10 meters. A garden bed is drawn 3 cm by 6 cm. How many square meters is the real garden bed? 1800 square meters

5. On a model of a ship, 1 cm stands for 50 meters. A ship is really 550 meters long. How many cm long is it on the model? 11 cm

6. On a blueprint, 1 cm stands for 10 meters. A hallway is 12 cm on the blueprint. How many meters is that? 120 meters

7. On a map, 1 cm stands for 10 km. A road is 8 cm on the map. How many km is that? 80 km

8. On a park map, 1 inch stands for 50 miles. A trail is really 250 miles long. How many inches long is it on the map? 5 inches