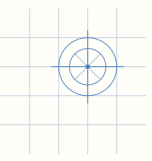


Scale drawings — Real areas

Name: _____

Date: _____

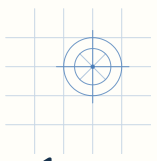


Scale both sides first, then find the real area.

- ① On a school map, 1 cm stands for 4 meters. A playground is drawn 7 cm by 2 cm. How many square meters is the real playground? **224 square meters**
- ② On a blueprint, 1 cm stands for 2 meters. A gym is drawn 3 cm by 5 cm. How many square meters is the real gym? _____
- ③ On a blueprint, 1 cm stands for 5 meters. A gym is drawn 2 cm by 7 cm. How many square meters is the real gym? _____
- ④ On a garden plan, 1 cm stands for 10 meters. A garden bed is drawn 4 cm by 7 cm. How many square meters is the real garden bed? _____
- ⑤ On a floor plan, 1 inch stands for 10 feet. A room is drawn 4 inches by 7 inches. How many square feet is the real room? _____
- ⑥ On a floor plan, 1 inch stands for 2 feet. A room is drawn 4 inches by 5 inches. How many square feet is the real room? _____
- ⑦ On a floor plan, 1 inch stands for 4 feet. A room is drawn 3 inches by 6 inches. How many square feet is the real room? _____
- ⑧ On a school map, 1 cm stands for 10 meters. A playground is drawn 7 cm by 3 cm. How many square meters is the real playground? _____



Scale drawings · Real areas — Answer key



1. On a school map, 1 cm stands for 4 meters. A playground is drawn 7 cm by 2 cm. How many square meters is the real playground? 224 square meters

2. On a blueprint, 1 cm stands for 2 meters. A gym is drawn 3 cm by 5 cm. How many square meters is the real gym? 60 square meters

3. On a blueprint, 1 cm stands for 5 meters. A gym is drawn 2 cm by 7 cm. How many square meters is the real gym? 350 square meters

4. On a garden plan, 1 cm stands for 10 meters. A garden bed is drawn 4 cm by 7 cm. How many square meters is the real garden bed? 2800 square meters

5. On a floor plan, 1 inch stands for 10 feet. A room is drawn 4 inches by 7 inches. How many square feet is the real room? 2800 square feet

6. On a floor plan, 1 inch stands for 2 feet. A room is drawn 4 inches by 5 inches. How many square feet is the real room? 80 square feet

7. On a floor plan, 1 inch stands for 4 feet. A room is drawn 3 inches by 6 inches. How many square feet is the real room? 288 square feet

8. On a school map, 1 cm stands for 10 meters. A playground is drawn 7 cm by 3 cm. How many square meters is the real playground? 2100 square meters