



Area and Perimeter (Advanced)

Name: _____

Date: _____

Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A rug is 2 m long and 150 cm wide. In centimeters, the length is _____ cm.
2. Using cm, the rug measures 200 by 150, so its perimeter is _____ cm.
3. The same rug has an area of _____ square centimeters.
4. A garden bed is 3 m by 4 m. To compare with a 250 cm fence section, convert 3 m to _____ cm.
5. A picture frame is 60 cm by 40 cm, so its perimeter is _____ cm.
6. The frame's area in square centimeters is _____ square cm.
7. If a tile is 1 m by 1 m, its area equals _____ square centimeters.
8. A path is 5 m long and 50 cm wide. In meters, the width is _____ m.
9. The path's area in square meters is _____ square meters.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Rug 2 m by 150 cm	→ _____	Area 30,000 square cm
Frame 60 cm by 40 cm	→ _____	Area 2,400 square cm
Garden 3 m by 4 m	→ _____	Area 12 square m
Path 5 m by 50 cm	→ _____	Area 2.5 square m

Answer Key · Area and Perimeter (Advanced) · Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A rug is 2 m long and 150 cm wide. In centimeters, the length is 200 cm.
2. Using cm, the rug measures 200 by 150, so its perimeter is 700 cm.
3. The same rug has an area of 30000 square centimeters.
4. A garden bed is 3 m by 4 m. To compare with a 250 cm fence section, convert 3 m to 300 cm.
5. A picture frame is 60 cm by 40 cm, so its perimeter is 200 cm.
6. The frame's area in square centimeters is 2400 square cm.
7. If a tile is 1 m by 1 m, its area equals 10000 square centimeters.
8. A path is 5 m long and 50 cm wide. In meters, the width is 0.5 m.
9. The path's area in square meters is 2.5 square meters.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Rug 2 m by 150 cm	→ <u>Area 30,000 square cm</u>	Area 30,000 square cm
Frame 60 cm by 40 cm	→ <u>Area 2,400 square cm</u>	Area 2,400 square cm
Garden 3 m by 4 m	→ <u>Area 12 square m</u>	Area 12 square m
Path 5 m by 50 cm	→ <u>Area 2.5 square m</u>	Area 2.5 square m