



Perimeter, Area, and Surface Area

Name: _____

Date: _____

Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A parallelogram has base 12 cm and height 7 cm; its area is _____ square centimeters.
2. A garden plot shaped like a parallelogram has base 9 m and height 5 m; area is _____ square meters.
3. A trapezoid splits into a rectangle (4 by 6) and a triangle (base 3, height 4); total area is _____ square units.
4. A classroom floor is a parallelogram with base 20 ft and height 15 ft; area is _____ square feet.
5. A soccer field section is a parallelogram with base 50 m and height 30 m; area is _____ square meters.
6. A trapezoid with parallel sides 8 and 12 and height 5 has area _____ square units.
7. A parallelogram tile has base 6 in and height 4 in; area is _____ square inches.
8. Decomposing a trapezoid into two triangles with areas 9 and 16 gives total area _____ square units.
9. A parallelogram-shaped flag has base 24 cm and height 10 cm; area is _____ square centimeters.

Part B: Matching

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

1. Match each item to its correct answer.

Parallelogram base 5, height 8	→ _____	Area 40 square units
Trapezoid bases 6 and 10, height 4	→ _____	Area 32 square units
Square side 9	→ _____	Area 81 square units
Rectangle 7 by 12	→ _____	Area 84 square units

Answer Key · Perimeter, Area, and Surface Area · Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A parallelogram has base 12 cm and height 7 cm; its area is 84 square centimeters.
2. A garden plot shaped like a parallelogram has base 9 m and height 5 m; area is 45 square meters.
3. A trapezoid splits into a rectangle (4 by 6) and a triangle (base 3, height 4); total area is 30 square units.
4. A classroom floor is a parallelogram with base 20 ft and height 15 ft; area is 300 square feet.
5. A soccer field section is a parallelogram with base 50 m and height 30 m; area is 1500 square meters.
6. A trapezoid with parallel sides 8 and 12 and height 5 has area 50 square units.
7. A parallelogram tile has base 6 in and height 4 in; area is 24 square inches.
8. Decomposing a trapezoid into two triangles with areas 9 and 16 gives total area 25 square units.
9. A parallelogram-shaped flag has base 24 cm and height 10 cm; area is 240 square centimeters.

Part B: Matching

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

1. Match each item to its correct answer.

Parallelogram base 5, height 8	→ <u>Area 40 square units</u>	Area 40 square units
Trapezoid bases 6 and 10, height 4	→ <u>Area 32 square units</u>	Area 32 square units
Square side 9	→ <u>Area 81 square units</u>	Area 81 square units
Rectangle 7 by 12	→ <u>Area 84 square units</u>	Area 84 square units