



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 14 m and height 6 m; its area is _____ square meters.
2. A trapezoid with parallel sides 10 and 14 and height 8 has area _____ square units.
3. A playground section is a parallelogram with base 25 ft and height 12 ft; area is _____ square feet.
4. A trapezoid decomposes into a rectangle (5 by 8) and triangle (base 3, height 8); total area is _____ square units.
5. A walkway parallelogram has base 18 ft and height 4 ft; area is _____ square feet.
6. A garden trapezoid has parallel sides 7 and 11 and height 6; area is _____ square meters.
7. A parallelogram banner has base 30 in and height 9 in; area is _____ square inches.
8. A trapezoid divides into two triangles with areas 18 and 22; total area is _____ square units.
9. A soccer practice grid is a parallelogram with base 40 m and height 25 m; area 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.

Parallelogram base 6, height 9	→ _____	Area 54 square units
Trapezoid bases 4 and 8, height 5	→ _____	Area 30 square units
Triangle base 10, height 6	→ _____	Area 30 square inches
Rectangle 8 by 11	→ _____	Area 88 square units

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A parallelogram has base 14 m and height 6 m; its area is 84 square meters.
2. A trapezoid with parallel sides 10 and 14 and height 8 has area 96 square units.
3. A playground section is a parallelogram with base 25 ft and height 12 ft; area is 300 square feet.
4. A trapezoid decomposes into a rectangle (5 by 8) and triangle (base 3, height 8); total area is 52 square units.
5. A walkway parallelogram has base 18 ft and height 4 ft; area is 72 square feet.
6. A garden trapezoid has parallel sides 7 and 11 and height 6; area is 54 square meters.
7. A parallelogram banner has base 30 in and height 9 in; area is 270 square inches.
8. A trapezoid divides into two triangles with areas 18 and 22; total area is 40 square units.
9. A soccer practice grid is a parallelogram with base 40 m and height 25 m; area is 1000 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.

Parallelogram base 6, height 9	→ <u>Area 54 square units</u>	Area 54 square units
Trapezoid bases 4 and 8, height 5	→ <u>Area 30 square units</u>	Area 30 square units
Triangle base 10, height 6	→ <u>Area 30 square inches</u>	Area 30 square inches
Rectangle 8 by 11	→ <u>Area 88 square units</u>	Area 88 square units