



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. Triangle with base 14 m and height 5 m has area _____ sq m.
2. An L-shape with parts 8×5 and 3×4 has total area _____ sq ft.
3. Triangle with base 16 cm and height 6 cm has area _____ sq cm.
4. A T-shape with 10×2 top and 4×6 stem has area _____ sq in.
5. A rectangle 9×4 with a 2×2 square attached has area _____ sq m.
6. Triangle with base 20 ft and height 9 ft has area _____ sq ft.
7. An L-shape with parts 6×6 and 4×3 has area _____ sq cm.
8. Triangle base 7 in, height 8 in has area _____ sq in.
9. A 10×10 square joined with a 5×4 rectangle has total area _____ sq ft.

Part B: Matching

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

1. Match each item to its correct answer.

L-shape	→ _____	$A = \text{length} \times \text{width}$
Triangle	→ _____	Sum of decomposed parts
Composite figure	→ _____	Split into two rectangles, then add
Rectangle	→ _____	$A = \frac{1}{2} \times \text{base} \times \text{height}$

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Triangle with base 14 m and height 5 m has area 35 sq m.
2. An L-shape with parts 8x5 and 3x4 has total area 52 sq ft.
3. Triangle with base 16 cm and height 6 cm has area 48 sq cm.
4. A T-shape with 10x2 top and 4x6 stem has area 44 sq in.
5. A rectangle 9x4 with a 2x2 square attached has area 40 sq m.
6. Triangle with base 20 ft and height 9 ft has area 90 sq ft.
7. An L-shape with parts 6x6 and 4x3 has area 48 sq cm.
8. Triangle base 7 in, height 8 in has area 28 sq in.
9. A 10x10 square joined with a 5x4 rectangle has total area 120 sq ft.

Part B: Matching

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

1. Match each item to its correct answer.

L-shape	→	<u>A = length x width</u>	A = length x width
Triangle	→	<u>Sum of decomposed parts</u>	Sum of decomposed parts
Composite figure	→	<u>Split into two rectangles, then add</u>	Split into two rectangles, then add
Rectangle	→	<u>A = 1/2 x base x height</u>	A = 1/2 x base x height