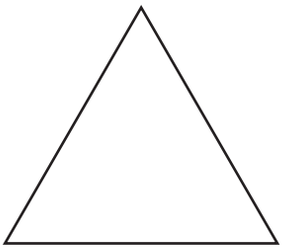
Name _____ Date _____ **Chapter 10 Test**

Write the correct answer.

For 1–2, measure the sides of the figure to the nearest centimeter. Then find the perimeter.

1



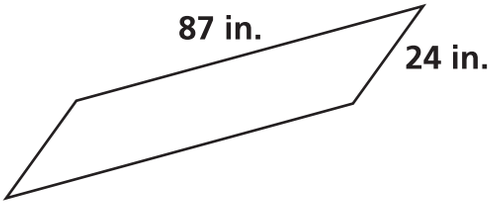
12 cm

2

16 cm

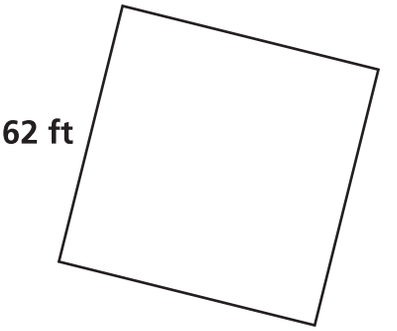
For 3–4, find the perimeter of the parallelogram.

3



222 in.

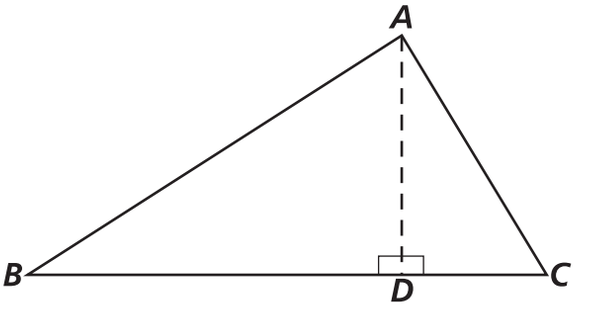
4



248 ft

For 5–6, find the area of the figure.

5

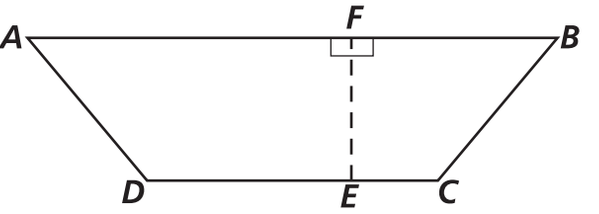


AB: 14 cm *AC*: 9 cm

BC: 17 cm *AD*: 8 cm

$A =$ 68 sq cm

6



AB: 20 cm *DC*: 12 cm

AD: 3.5 cm *BC*: 3.5 cm

EF: 2 cm

$A =$ 32 sq cm

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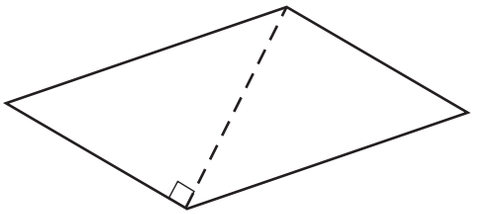
7 Measure the sides and height of the parallelogram to the nearest centimeter. What are the perimeter and area of the figure?

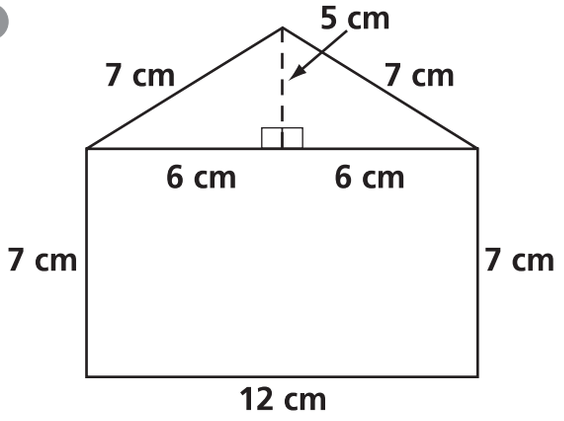


$P =$ 14 cm

$A =$ 9 sq cm

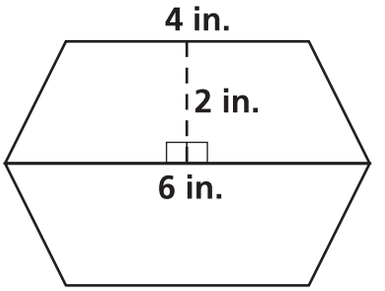
For 8–9, use the measurements to find the area of the figure.

8



$A =$ 114 sq cm

9

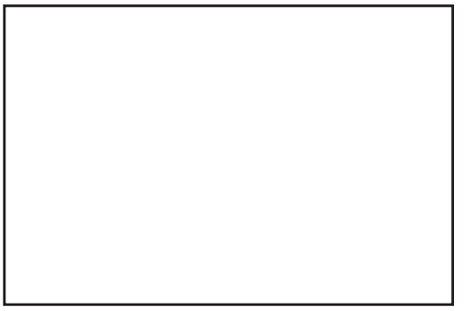


$A =$ 20 sq in.

10 Use the scale, a centimeter ruler, and the drawing. Solve.

Scale: 1 cm represents 5 ft

Phil needs to buy a fence and sod for his yard. What is the perimeter of his yard in feet? What is the area of his yard in square feet?



$P =$ 100 ft

$A =$ 600 sq ft