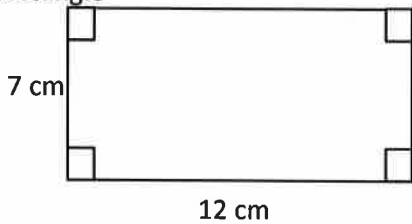Per: _____

## AP-1  Area & Perimeter

For each figure given, find the area (A) and/or perimeter (P) as indicated.  Be sure to give the formula you are using, show the numbers plugged in to the formula (work), and give your answer with correct units.  Diagrams are not drawn to scale.

**1.  Rectangle**

7 cm

12 cm

Formula: $A = b \cdot h$

Work: $A = 7 \cdot 12$     $P = (7+12)2$
                              $19 \cdot 2$

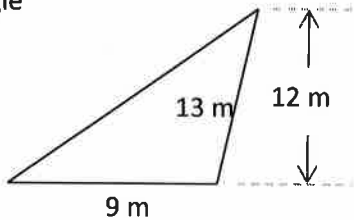Area: __84 cm²__   Perimeter: __38 cm__

**2.  Parallelogram**   12 ft

5 ft   4 ft

Formula: $A = b \cdot h$

Work: $A = 12 \cdot 4$     $P = (5+12)2$
                              $17 \cdot 2$

Area: __48 ft²__   Perimeter: __34 ft__

**3.  Triangle**

13 m   12 m

9 m

Formula: $A = \frac{1}{2} b \cdot h$

Work: $A = \frac{1}{2}(9)(12)$

Area: __54 m²__