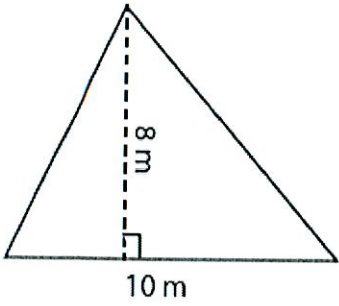


Unit 11 Review:

REMEMBER: Partial credit is granted only when work is shown and comprehensible!

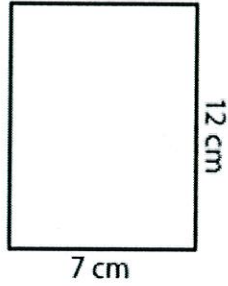
Find the perimeter of each shape. Don't forget to label your answers!

1.



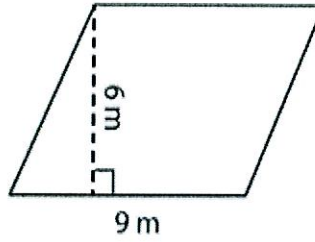
Area = 40m²

2.



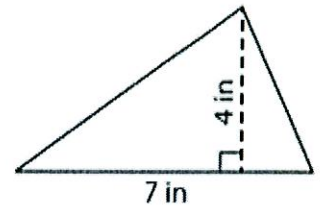
Area = _____

3.



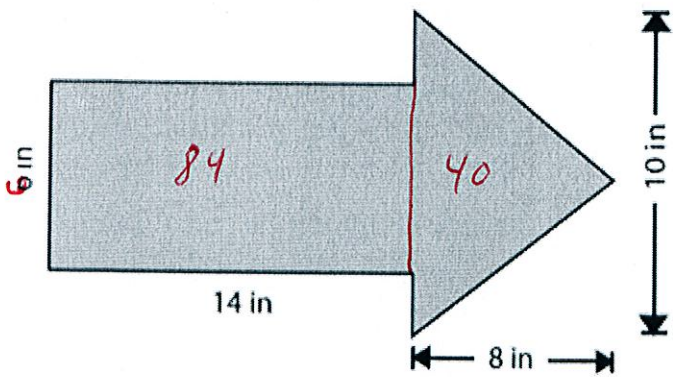
Area = 27m²

4.



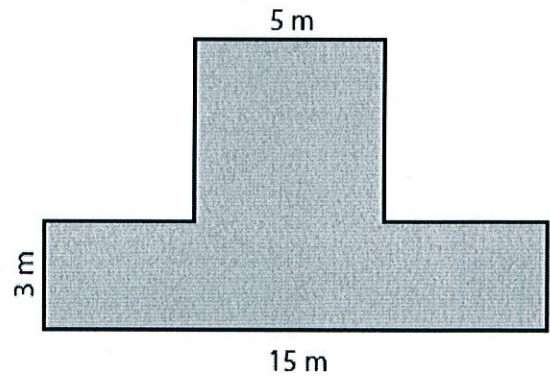
Area = _____

5.



Area = 124in²

6.



Area = _____

7. Find the total area of a rectangle tile using the formula $A=lw$ with the length is 27 in, w is 16in.

$$27 \times 16 = \boxed{432 \text{ in}^2}$$

8. Explain how you would use the expression $2l + 2w$ to find the perimeter of the figure below.



9. Three paintings are shaped like an 8-foot square, a 7-foot by 4-foot rectangle, and a triangle with a 6-foot base and a height of 7 feet. If those paintings are hung together on the outside of a building, how much of the building's wall will they cover altogether?

$$8 \times 8 = 64$$

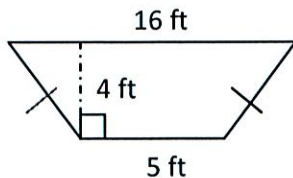
$$7 \times 4 = 28$$

$$\frac{6 \times 7}{2} = 21$$

$$\boxed{113 \text{ FT}^2}$$

10. The lengths of the sides of a bulletin board are 3 feet by 5 feet. How many index cards measuring 4 inches by 6 inches would be needed to cover the board?

11. Find the Area of the Trapezoid.



$$\frac{b_1 + b_2}{2} \cdot h = \frac{16 + 5}{2} \cdot 4 = \boxed{42 \text{ FT}^2}$$

12. Graph the following ordered pairs and then find the perimeter and area. A (-4, 6), B (-4, -8), C (5, 6), D (5, -8)

Perimeter of ABCD= _____

Area of ABCD= _____

