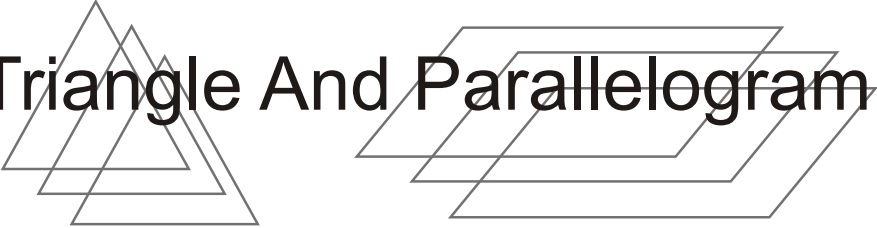
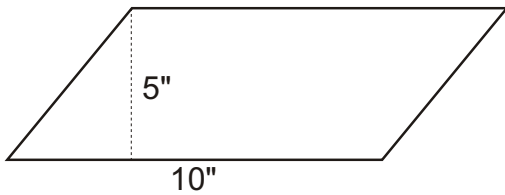


Triangle And Parallelogram Formulas



Area of a parallelogram = base X height or $A = (b)(h)$

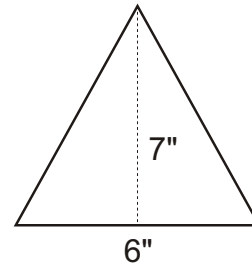
Area of a triangle = $\frac{1}{2}$ base X height or $A = \frac{1}{2}(b)(h)$



$$A = (b)(h)$$

$$A = (10)(5)$$

$$A = 50 \text{ in}^2$$



$$A = \frac{1}{2} (b)(h)$$

$$A = \frac{1}{2} (6)(7)$$

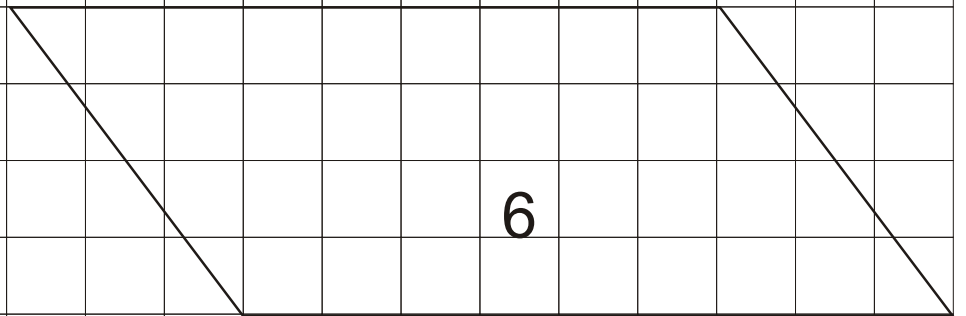
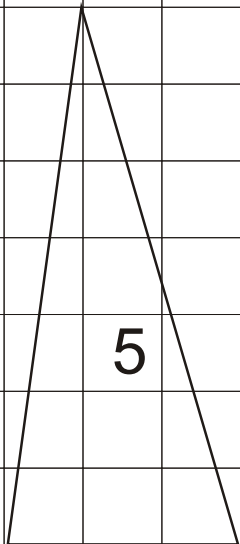
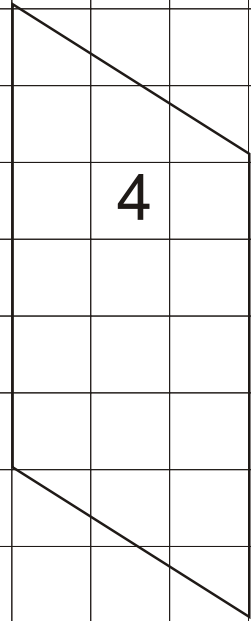
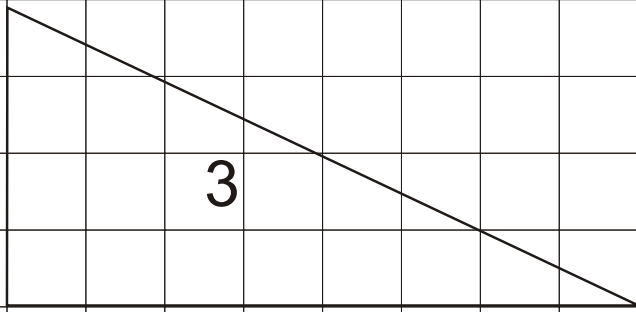
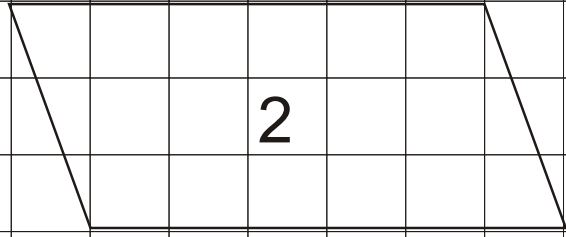
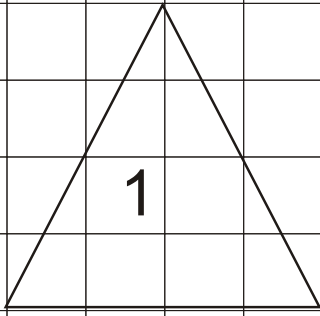
$$A = \frac{1}{2} (42)$$

$$A = 21 \text{ in}^2$$

REMEMBER TO INCLUDE THE NUMBER TWO OR THE "SQUARE" EXPONENT AT THE END OF YOUR UNITS!

DO NOT INCLUDE THIS EXPONENT AFTER A UNIT WHEN FINDING THE PERIMETER OF AN OBJECT!

THE WORD BASE MEANS AT THE BOTTOM. THE BASE OF AN OBJECT IS THE BOTTOM! THE HEIGHT IS THE DISTANCE FORM THE BASE TO THE HIGHEST POINT OF THE OBJECT.



Directions: Using the six shapes on the grid paper, answer the following ten questions.

1) What is the area of figure 1? Solve and show your work using the proper formula!

2) Estimate the perimeter of figure 1. _____

3) What is the area of figure 2? Solve and show your work using the proper formula!

4) Estimate the perimeter of figure 2. _____

5) What is the area of figure 3? Solve and show your work using the proper formula!

6) What is the area of figure 4? Solve and show your work using the proper formula!

7) What is the area of figure 5? Solve and show your work using the proper formula!

8) Estimate the perimeter of figure 5. _____

9) What is the area of figure 6? Solve and show your work using the proper formula!

10) Estimate the perimeter of figure 6. _____