






**Learning Targets**

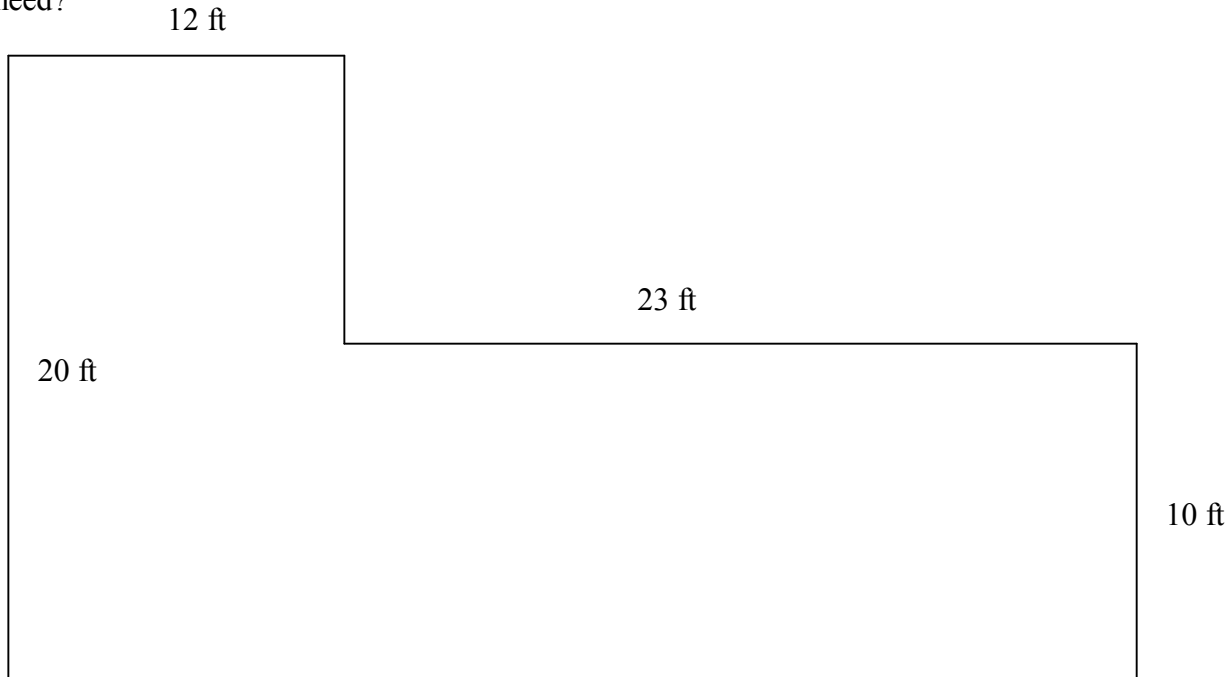
- Students will understand what perimeter is.
- Students will understand what area is.
- Students will be able to calculate perimeter of polygons.
- Students will be able to calculate area of polygons.

**Definition of a Polygon**

<u>Polygons</u>		
<u>Number of Sides</u>	<u>Name</u>	<u>Picture</u>
3		
4		
5	Pentagon	
6		
7	Heptagon	
8	Octagon	
9	Nonagon	
10	Decagon	

**Perimeter Definition**

**Ex.** I need to install floor molding in the basement of shown below. How many feet will I need?



**Area Definition**

I need to install floor tiles in the basement. How many tiles will I need if each tile is 1 square foot?

Ex. Use the formulas for perimeter and area on your Formula Sheet to find the perimeter and area of each polygon below.

