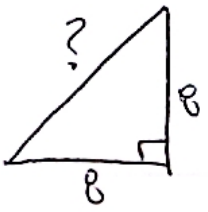
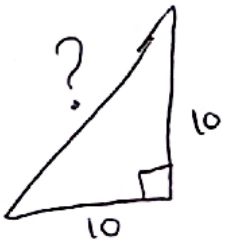
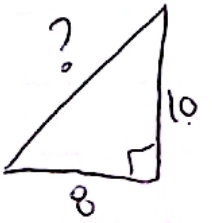
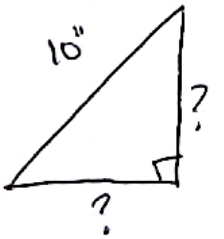
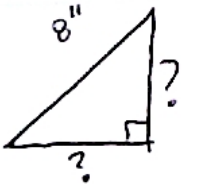
Triangle Tower

1. How many triangles will your group be using to construct your structure?

   _____

2. What is the perimeter of each possible triangle that could be in your structure

8x8	10x10	8x10	10" Hypotenuse	8"Hypotenuse
				
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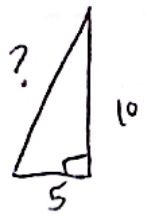
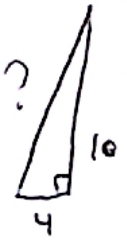
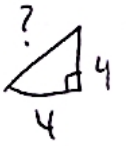
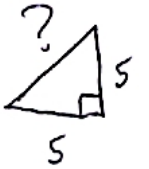
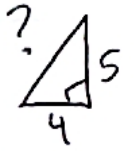
5x10	4x10	4x4	5x5	5x4
				
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3. How many of each type of triangles will your group have?

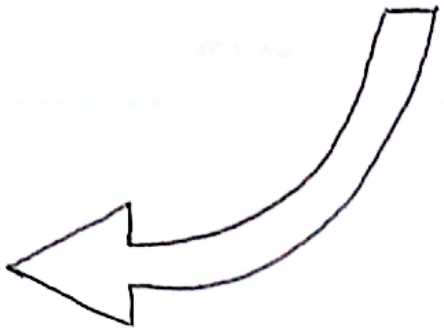
8x10_____
10x10_____
8X8_____
10"_____
8"_____
5x10_____
4x10_____
4x4_____
5x5_____
5x4_____

Total _____

Now what is the total perimeter for each type of triangle in your group

Type of Triangle		Perimeter		Total
_____	X	_____	=	_____
_____	X	_____	=	_____
_____	X	_____	=	_____
_____	X	_____	=	_____
_____	X	_____	=	_____
_____	X	_____	=	_____
_____	X	_____	=	_____
_____	X	_____	=	_____
_____	X	_____	=	_____
_____	X	_____	=	_____

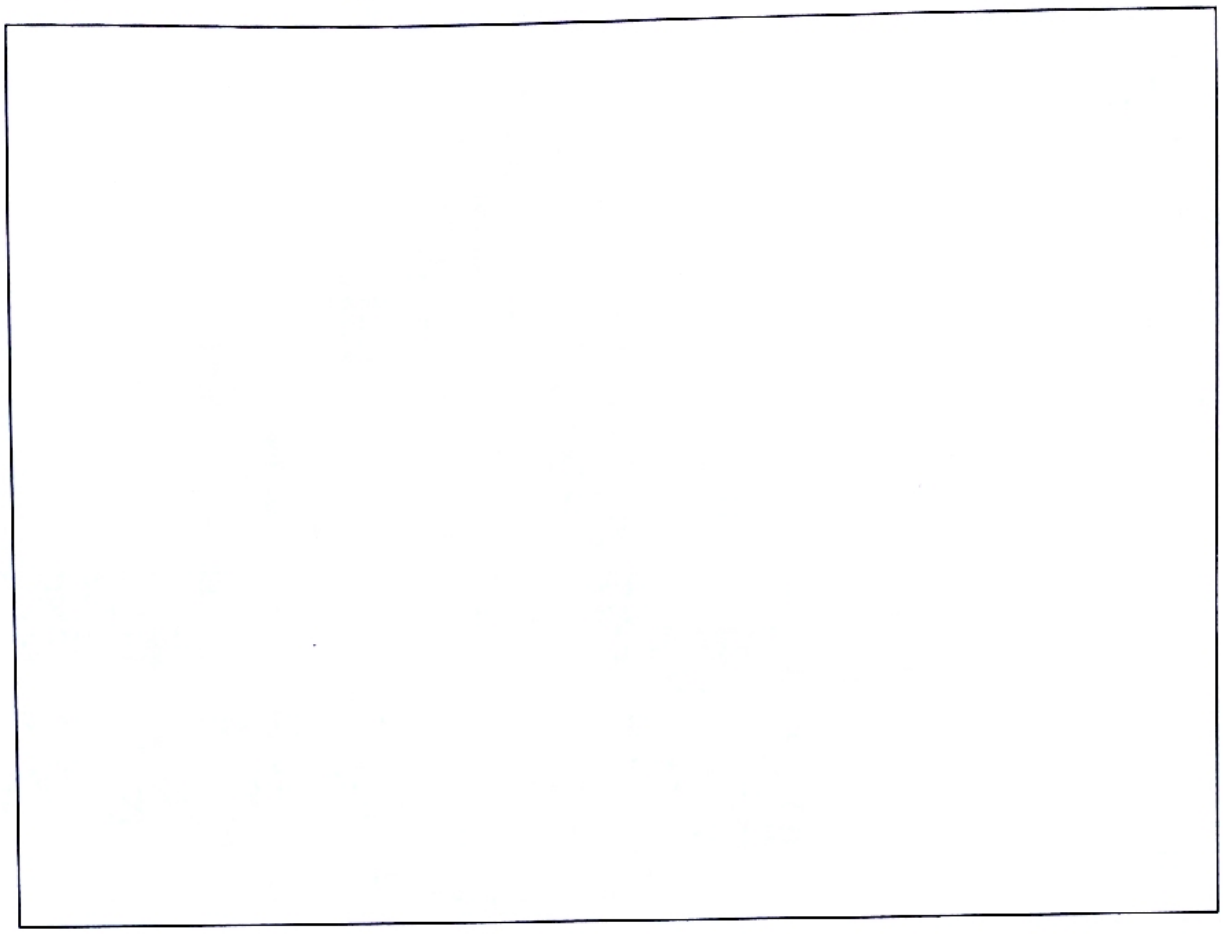
Total_____



What is the total perimeter of your structure?

_____

Redraw a VERY neat drawing of your structure in the box below along with the different views



Top view

3D View