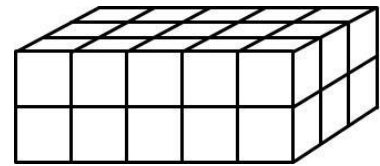


Volume – Block Building Activity



Names: _____

Formula for Volume: Area of Base x Height (L x W) x H

Directions:

1. Roll 2 dice. 1st = length; 2nd = width. Put the dice inside the boxes. Build the base of your box using these measurements. Figure the Area of the Base.
2. Roll 3rd dice. Put it in the 3rd box. This is the height of your box. It tells how many layers it has. Build your box so it has this many layers.
3. Multiply area of base x height for the total number of cubes (volume).

Length		Width		Height	=	Volume
	x				=	
Area of base =					=	

	x				=	
Area of base =					=	

	x				=	
Area of base =					=	

	x				=	
Area of base =					=	