

Name: _____

Date: _____

Rolling Rectangular Prisms

Student Directions:

1. Draw a rectangular prism.
2. Roll a die two times to find the dimensions of the base of the rectangular prism.
3. Label the dimensions on your drawing.
4. Calculate the area of the base.
5. Roll the die one more time to determine the number of layers.
6. Label the dimension on your drawing.
4. Calculate the volume of the rectangular prism. Show your work.
5. Repeat steps 1-4 three times.

Shape Drawing	Area of Base	Number of Layers of the Base	Volume in Cubic Units