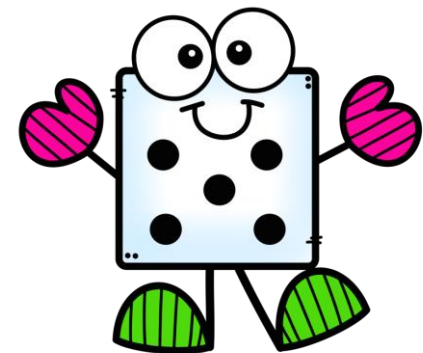
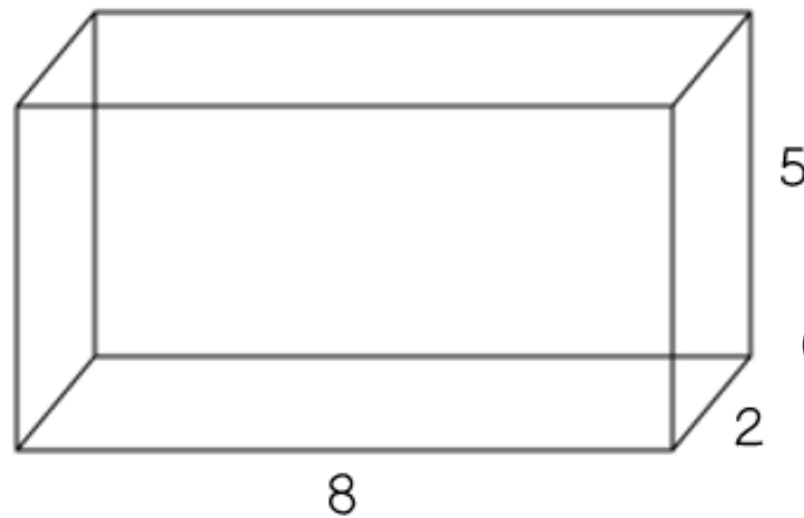
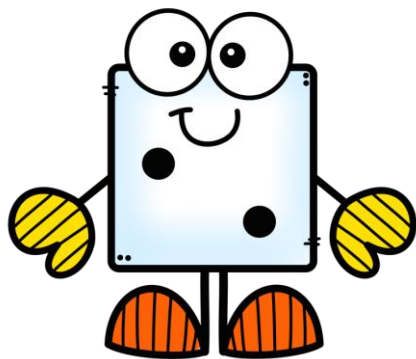


Rolling Rectangular Prisms



Rolling Rectangular Prisms

Materials:

- 3 dice
- Snap cubes, inch cubes, or centimeter cubes
- Recording sheet or math journal

Directions:

- 1) Roll 3 dice.
- 2) Pick which number will be each dimension of your rectangular prism.
- 3) Draw your rectangular prism and label the dimensions.
- 4) Calculate the volume. Use cubes to build the prism to help you and/or to check your work.
- 5) Roll again and repeat five times.
- 6) Find the difference between the least and greatest volume. Record your thinking.

Variation:

Use ten-sided dice.

Name _____

Date _____

Rolling Rectangular Prisms - Recording Sheet

Draw your rectangular prism and label the dimensions. Calculate the volume of each prism. Show your thinking.

1	2	3
4	5	6

Find the difference between the least and greatest volume. Record your thinking.

Graphics and fonts

