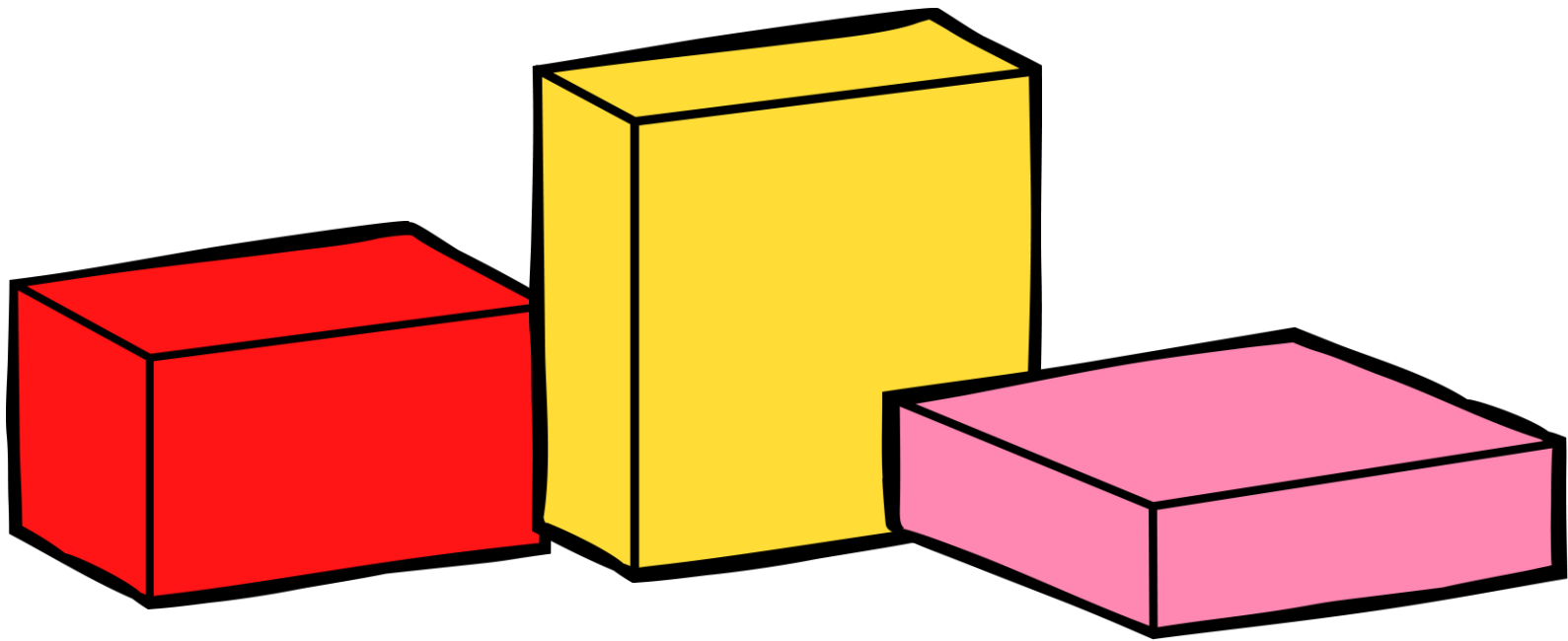


Same Volume, Different Dimensions



Source: Howard County

Same Volume, Different Dimensions

Materials:

- Centimeter cubes
- Math journal

Directions:

- 1) Pick one of following numbers: 15, 20, 24, 30.
- 2) Build a rectangular prism that has a volume of the chosen number.
- 3) In your math journal record the length, width, and height of the rectangular prism.
- 4) Build as how many different rectangular prisms that have the same volume but different dimensions as possible.
- 5) Record the dimensions for all of the possibilities that you come up with.

Graphics and Fonts

