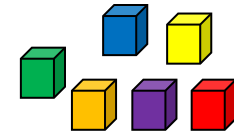# Building Rectangular Prisms

Materials: centimeter cubes

_____

1. Work with a partner. Use centimeter cubes to build a rectangular prism with a volume of 24cm³.

2. Build as many different rectangular prisms with a volume of 24cm³ as you can.

3. Draw each rectangular prism you build and record its dimensions.

4. How can you be sure that you have built all possible rectangular prisms with a volume of 24cm³? Explain your thinking.