Exploring Metric Measurements

You will need: metric ruler, 10 cm units, 10 decimeter longs (from Base 10 blocks or cuisinaire rod sets) for each pair

1. With your partner, explore the centimeter units, decimeter longs, and metric ruler.

2. How do these three metric units relate to one another? Describe your findings using words, diagrams, and symbols. You should address the following:

   • How do decimeters relate to meters? Centimeters to meters? Centimeters to decimeters?

   • How can you use fractions and decimals to reflect these relationships?