Representing Unit Fractions

Materials: Cuisenaire rods

1. How many ways can you place two rods of the same color below another rod, or rods, to show one-half? Record and label each way you find.

   ![Diagram showing white rod as one-half of red.]
   White is one-half of red.

   ![Diagram showing dark green rod as one-half of orange and red.]
   Dark green is one-half of orange and red.

2. How many ways can you place three rods of the same color below another rod, or rods, to show one-third? Record and label each way you find.

3. How many ways can you place four rods of the same color below another rod, or rods, to show one-fourth? Record and label each way you find.

4. Share your solutions with a partner. How are your solutions alike? How are they different?