Unit 6, Lesson 3

Measure in Halves and Fourths of an Inch

Let's measure lengths in halves of an inch and quarters of an inch.

Warm-up

Notice and Wonder: Rulers

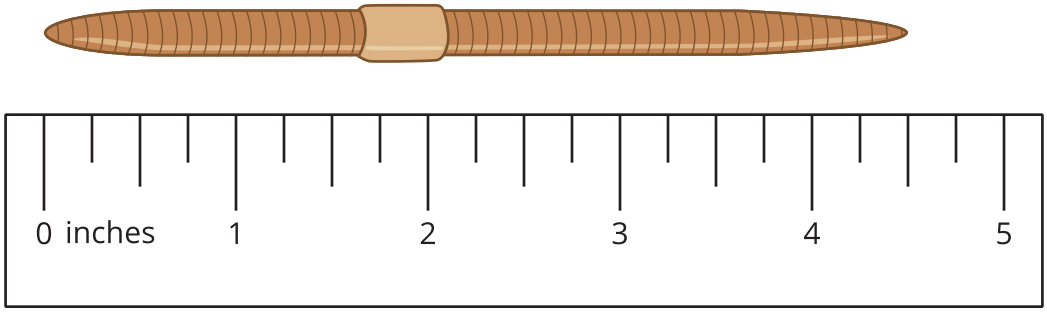
Look at the rulers you have been using to measure and the ruler your teacher gave you.

What do you notice? What do you wonder?

Activity 1

Halves and Quarters

1. Kiran and Jada measure the length of a worm.

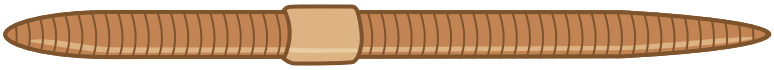


   - Kiran says that the worm is $4\frac{2}{4}$ inches long.
   - Jada says that the worm is $4\frac{1}{2}$ inches long.

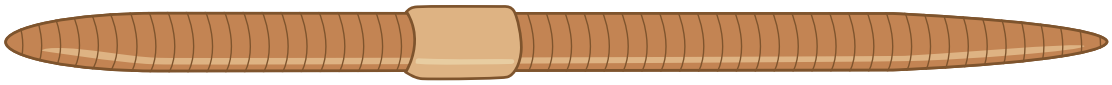
   Use the ruler to explain how both of their measurements are correct.

2. Measure the length of each worm.

A



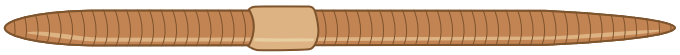
B



C



D



Activity 2

Measure and Describe

1. Use the ruler you received today to measure some objects around the room.

   Find at least 1 object whose length is a whole number of inches and at least 3 objects whose lengths are not whole numbers of inches.

object	length

2. Trade lists with another group. Find a length that could be written a different way.

object	length	equivalent length