



# 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.

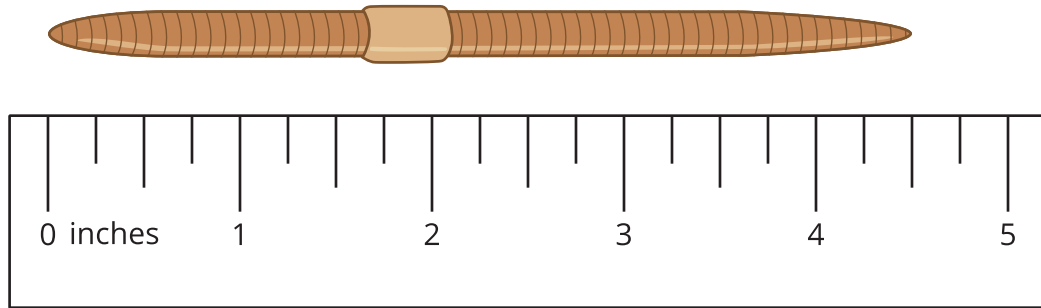
What do you notice? What do you wonder?



## Activity 1

### Halves and Quarters

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

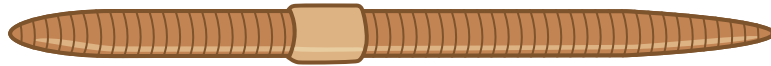


- Kiran says that the worm is  $4\frac{2}{4}$  inches long.
- Jada says that the worm is  $4\frac{1}{2}$  inches long.

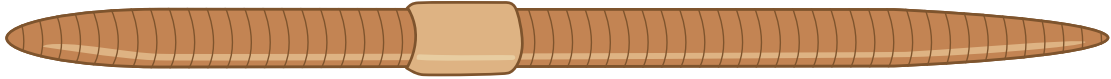
Use the ruler to explain how both of their measurements are correct.

2. Measure the length of each worm.

**A**



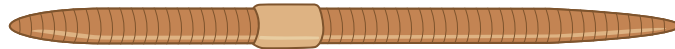
**B**



**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