## Lesson 3: Measure in Halves and Fourths of an Inch

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

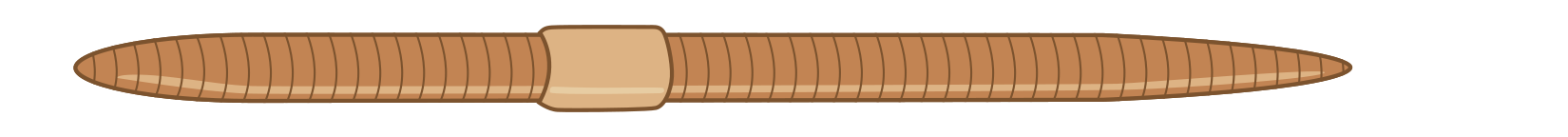
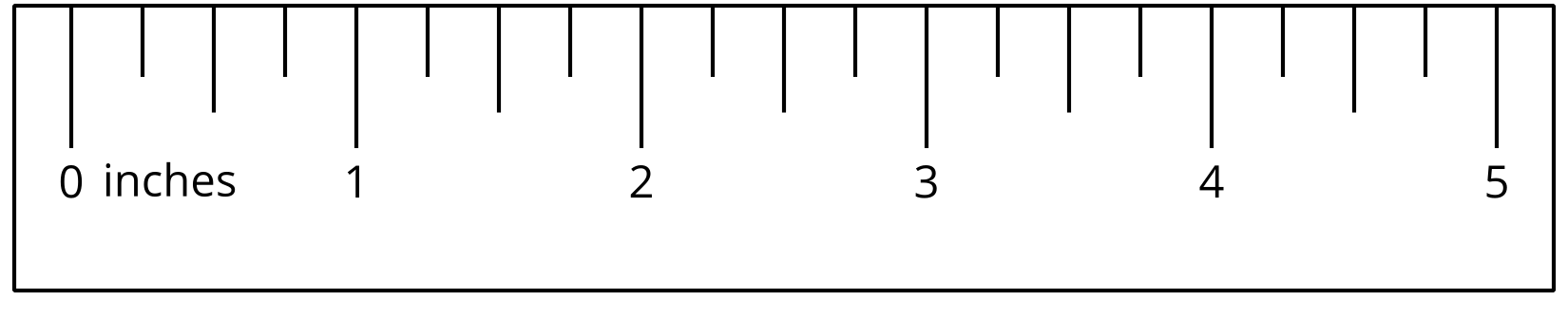
### Warm-up: Notice and Wonder: Rulers

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

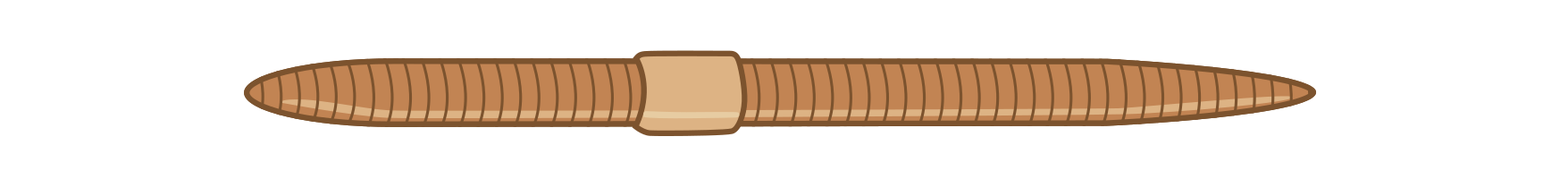
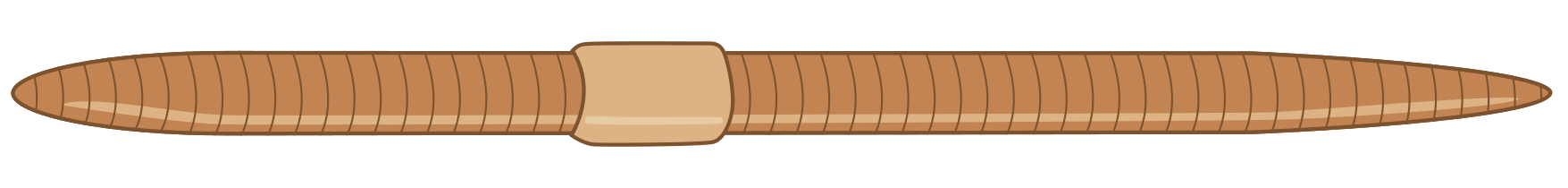
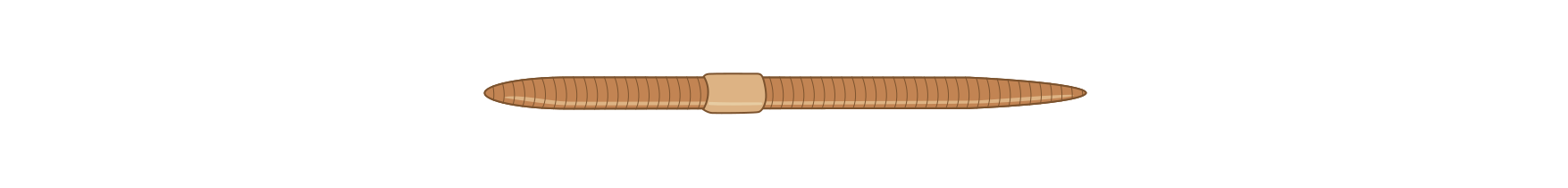
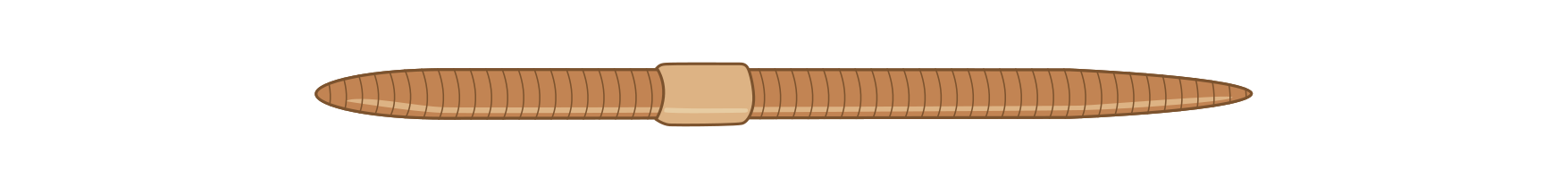
What do you notice? What do you wonder?

### 3.1: Halves and Quarters

1. Kiran and Jada are discussing the length of a worm.

* 
* 
  + Kiran says that the worm is inches long.
  + Jada says that the worm is inches long.
* Use the ruler to explain how both of their measurements are correct.

1. Measure the length of the following worms.

* A
* B
* C
* D

### 3.2: 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.

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| --- | --- |
| * object | * length |
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1. Trade lists with another group. Find a length that could be written a different way.

|  |  |  |
| --- | --- | --- |
| * object | * length | * equivalent length |
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