## Lesson 1: Compare Lengths

* Let’s compare and order objects by length.

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

What do you notice?  
What do you wonder?



### 1.1: Is it Longer or Shorter?

Share your thinking with your partner.

* Choose 2 objects and compare their lengths.
* Choose 2 *different* objects and compare their lengths.

Write down your answers.

1. Choose an object that you could write with and find the tower of 3 connecting cubes.

* Which is longer?
* Draw the 2 objects to show which is longer.

1. Choose a different object and find the tower of 8 connecting cubes.

* Which is shorter?
* Draw the 2 objects to show which is shorter.

1. Find an object from the collection that is shorter than your foot.

* Fill in the blank.
* The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is shorter than my foot.

1. Find an object from the collection that is longer than your pointer finger.

* Fill in the blank.
* The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is longer than my pointer finger.

### 1.2: Order Objects

1. Pick 3 objects.

* With your partner, put the objects in order from *shortest to longest.*
* Trace or draw your objects.

1. Pick 3 new objects.

* With your partner, put them in order from *longest to shortest*.
* Write the names of the objects in order from longest to shortest.

### 1.3: Centers: Choice Time

Choose a center.

Target Numbers



Five in a Row



Get Your Numbers in Order





© CC BY 2021 Illustrative Mathematics®