



# Order Decimals

Let's put decimals in order.

## Warm-up

### True or False: Decimal Inequalities

Decide if each statement is true or false. Be prepared to explain your reasoning.

- $0.909 > 0.91$

- $4.1 < 4.100$

- $0.99 < 0.999$



## Activity 1

### Caught in the Middle

1. Fill in the blank to make each statement true. Use the number lines if they are helpful.

a.  $786.2 < \underline{\hspace{2cm}} < 786.3$



b.  $9.99 < \underline{\hspace{2cm}} < 10$



c.  $0.46 > \underline{\hspace{2cm}} > 0.45$



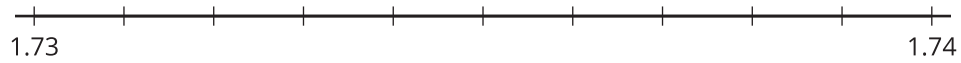
d.  $0.5 < \underline{\hspace{2cm}} < 0.51$



e.  $0.99 < \underline{\hspace{2cm}} < 0.999$



2. Kiran says that there is no number between 1.731 and 1.732. Do you agree? Use the number line if it is helpful.



## Activity 2

### Least to Greatest

Write each set of numbers in order from least to greatest.

1. 67.020, 67.200, 67.002

2. 1.101, 1.02, 1.1

3. 0.333, 0.323, 0.3

4. 99.99, 99.09, 99.091

