



# Compare Decimals

Let's compare decimals.

## Warm-up

### True or False: Decimals

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

- $7.06 = 7.006$

- $7.06 = 7.060$

- $7.06 = 7.600$



# Activity 1

## Farther and Faster

1. Diego and Jada compete to see who can throw a disc farther. Diego throws the disc 5.10 meters. Jada throws it 5.01 meters. Who throws the disc farther? Explain your reasoning.



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2. Tyler and Han compete to see who can swim the length of a pool faster. Tyler swims the length of the pool in 35.15 seconds. Han swims the length in 35.30 seconds. Who swims faster? Explain your reasoning.

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## Activity 2

### Farthest Flight

Recall that Diego threw a disc 5.1 meters, and Jada threw it 5.01 meters. For each question, find 2 possible answers.

1. Han threw the disc farther than Diego. How far might Han have thrown the disc?
2. Tyler threw the disc farther than Diego but less than 6 meters. How far might Tyler have thrown the disc?
3. Mai threw the disc a shorter distance than Jada. How far might Mai have thrown the disc?
4. Priya threw the disc a shorter distance than Jada but more than 5 meters. How far might Priya have thrown the disc?

