Unit 5, Lesson 5

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.



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.

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?