LESSON MAKER PRO

Decimal Dash

Compare decimals to the thousandths place.

GRADE 5 · 5.NOS.A.3.c

5.NOS.A.3.c "Compare two decimals to thousandths by reasoning about the values of the digits and the location on the number line. Record the results of comparisons with the symbols >, =, <."

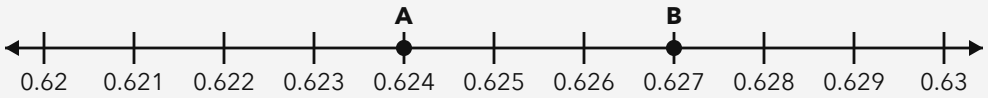
NAME _____ DATE _____

COMPARE FROM LEFT TO RIGHT

Compare the digits in each place from left to right. If the digits match, keep going; on a number line, the number farther right is greater.

WORKED EXAMPLE

Use the number line to compare A and B.



1. A = 0.624 and B = 0.627.
2. The tenths and hundredths digits match.
3. At the thousandths place, 4 < 7. A is also left of B.

Answer: 0.624 < 0.627

PRACTICE 4 problems

1 Write <, >, or =: 0.508 ___ 0.58

ANSWER _____

2 Write <, >, or =: 0.730 ___ 0.703

ANSWER _____

3 Write <, >, or =: 0.406 ___ 0.406

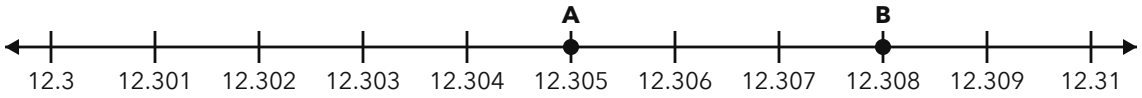
ANSWER _____

4 Write <, >, or =: 2.049 ___ 2.05

ANSWER _____

APPLY IT Show your work

1 A and B show two players' race times in seconds. Who finished first? Compare the times with <.



ANSWER _____

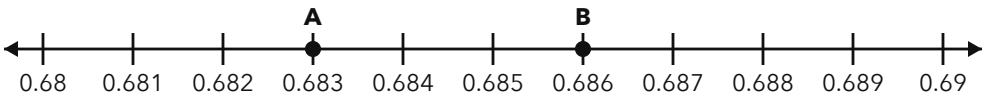
2 Two paper airplanes flew 4.096 m and 4.106 m. Which flew farther? Write a comparison using >.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Write A, B, and every thousandth between them in order, using < signs.



WORK SPACE AND ANSWER

ANSWER KEY

Decimal Dash

GRADE 5 · 5.NOS.A.3.c

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Write <, >, or =: 0.508 ___ 0.58	**<**
2	Write <, >, or =: 0.730 ___ 0.703	**>**
3	Write <, >, or =: 0.406 ___ 0.406	**=**
4	Write <, >, or =: 2.049 ___ 2.05	**<**

PART 2 · APPLY IT

1. **A finished first. 12.305 < 12.308.** A's time is less than B's time, so A finished first.
2. **The airplane that flew 4.106 m went farther. 4.106 > 4.096.** The whole-number parts match. At the tenths place, 1 > 0.

CHALLENGE

0.683 < 0.684 < 0.685 < 0.686

Accept equivalent comparisons that include the correct values and symbols. For the challenge, both 0.684 and 0.685 must appear between A and B.