LESSON MAKER PRO

Fraction Finish Line

Compare fractions and decimals in pictures, games, and everyday situations.

GRADE 4 · 4.N.3.9

4.N.3.9 "Compare and order benchmark fractions (0, 1/4, 1/3, 1/2, 2/3, 3/4, 1) and decimals (0, 0.25, 0.50, 0.75, 1.00) in a variety of representations."

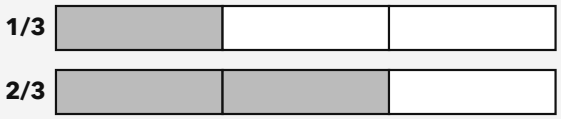
NAME _____ DATE _____

COMPARE THE AMOUNTS

Compare parts of the same-size whole. On a number line, the value farther right is greater. When fractions have the same denominator, the fraction with the greater numerator is greater.

WORKED EXAMPLE

Compare 1/3 and 2/3. Write <, >, or =.

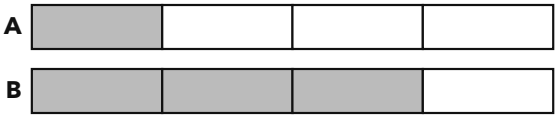


1. Both bars show the same-size whole split into 3 equal parts.
2. The first bar has 1 shaded part. The second has 2 shaded parts.
3. The second bar shows more.

Answer: 1/3 < 2/3

PRACTICE 6 problems

1 Which bar shows more, A or B?



ANSWER _____

2 Write <, >, or = in the blank: 1/2 ___ 0.50

ANSWER _____

3 Which point has the greater value, P or Q?



ANSWER _____

4 Put 0, 0.50, and 1/4 in order from least to greatest.

ANSWER _____

5 Write <, >, or = in the blank: 1.00 ___ 3/4

ANSWER _____

6 Order the teams from least game progress to greatest game progress.

GAME PROGRESS

Team	Game completed
Red	1/2
Blue	0.75
Green	0.25

ANSWER _____

APPLY IT Show your work

1 Mina finishes 1/2 of a puzzle. Jae finishes 0.75 of the same puzzle. Who finishes more, and by what fraction of the puzzle?

WORK SPACE

ANSWER _____

2 Three friends are collecting stickers for their own books. Each book holds the same number of stickers. Who has filled the most of their book, and who has filled the least?

STICKER BOOKS

Friend	Book filled
Ivy	0.50
Noah	3/4
Tess	1.00

ANSWER _____

CHALLENGE One step up

Put 0.75, 1/2, 1.00, 1/4, and 0 in order from greatest to least. Explain where 1/2 belongs in your order.

WORK SPACE AND ANSWER

ANSWER KEY

Fraction Finish Line

GRADE 4 · 4.N.3.9

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Which bar shows more, A or B?	**B**
2	Write <, >, or = in the blank: 1/2 ___ 0.50	**=**
3	Which point has the greater value, P or Q?	**Q**
4	Put 0, 0.50, and 1/4 in order from least to greatest.	**0, 1/4, 0.50**
5	Write <, >, or = in the blank: 1.00 ___ 3/4	**>**
6	Order the teams from least game progress to greatest game progress.	**Green, Red, Blue**

PART 2 · APPLY IT

1. **Jae, by 1/4 of the puzzle** 1/2 equals 0.50. The difference between 0.75 and 0.50 is 0.25, or 1/4.
2. **Tess has filled the most; Ivy has filled the least.** Compare 0.50, 3/4, and 1.00 as parts of equal-size books. They go from least to greatest in the order Ivy, Noah, Tess.

CHALLENGE

1.00, 0.75, 1/2, 1/4, 0. Since 1/2 equals 0.50, it is less than 0.75 and greater than 1/4.

Accept equivalent forms, such as 0.25 instead of 1/4 for the puzzle difference. For the challenge, accept any correct explanation that places 1/2 between 0.75 and 1/4.