LESSON MAKER PRO

# Fraction Finish Line

*Compare, order, and match equal fractions.*

**GRADE 3 · MA.3.FR.2**

**MA.3.FR.2** "Order and compare fractions and identify equivalent fractions."

NAME _____ DATE _____

## FRACTION CLUES

Fractions can be compared only when they name parts of the same-size whole. When fractions have the same denominator, the fraction with the larger numerator is greater. Equivalent fractions name the same amount, even when their numerators and denominators look different.

## WORKED EXAMPLE

Order 3/7 and 5/7 from least to greatest.

1. The denominators are both 7.
2. Compare the numerators, 3 and 5.
3. Since 3 is less than 5, 3/7 is less than 5/7.

**Answer: 3/7, 5/7**

## PRACTICE 6 problems

**1** Write <, >, or =. 1/2 ___ 1/4

**ANSWER** _____

**2** Write <, >, or =. 4/8 ___ 1/2

**ANSWER** _____

**3** Which fraction is equivalent to 1/4: 2/8, 4/8, or 1/8?

**ANSWER** _____

**4** Order from least to greatest: 4/6, 1/6, 2/6

**ANSWER** _____

**5** Fill in the blank: ___/8 = 1/4

**ANSWER** _____

**6** Write <, >, or =. 6/10 ___ 8/10

**ANSWER** _____

## APPLY IT Show your work

**1** Ava and Ben have same-size granola bars. Ava eats 1/4 of her bar. Ben eats 2/4 of his bar. Who eats more?

WORK SPACE

**ANSWER** _____

**2** In art class, Lian colors 1/2 of a poster. Noor colors 4/8 of an identical-size poster. Do they color the same amount?

WORK SPACE

**ANSWER** _____

## CHALLENGE One step up

Put these fractions in order from least to greatest: 1/4, 1/2, 2/4, 4/8. Then explain which fractions are equivalent.

WORK SPACE AND ANSWER

**ANSWER KEY**

# Fraction Finish Line

**GRADE 3 · MA.3.FR.2**

## PART 1 · PRACTICE

| # | PROBLEM | ANSWER |
|---|---|---|
| 1 | Write <, >, or =. 1/2 ___ 1/4 | **>** |
| 2 | Write <, >, or =. 4/8 ___ 1/2 | **=** |
| 3 | Which fraction is equivalent to 1/4: 2/8, 4/8, or 1/8? | **2/8** |
| 4 | Order from least to greatest: 4/6, 1/6, 2/6 | **1/6, 2/6, 4/6** |
| 5 | Fill in the blank: ___/8 = 1/4 | **2** |
| 6 | Write <, >, or =. 6/10 ___ 8/10 | **<** |

## PART 2 · APPLY IT

1. **Ben eats more.** Both fractions have a denominator of 4. Since 2 is greater than 1, 2/4 is greater than 1/4.
2. **Yes, they color the same amount.** 1/2 and 4/8 are equivalent fractions. Each student colors one half of a same-size poster.

## CHALLENGE

**1/4 < 1/2 = 2/4 = 4/8. The fractions 1/2, 2/4, and 4/8 are equivalent.**

Accept equivalent comparison statements such as 1/2 = 4/8. For the challenge, accept any clear explanation that identifies 1/2, 2/4, and 4/8 as the same amount.