LESSON MAKER PRO

Fraction Path Finder

Name, place, and compare fractions.

GRADE 3 · MA.3.FR.1

MA.3.FR.1 "Understand fractions as numbers and represent fractions."

NAME _____ DATE _____

FRACTIONS NAME EQUAL PARTS

A fraction names equal parts of one whole. The denominator tells how many equal parts make the whole, and the numerator tells how many parts are being named. Fractions can be placed on a number line between 0 and 1.

WORKED EXAMPLE

A ribbon is cut into 9 equal pieces. 7 pieces are blue. Write the fraction of the ribbon that is blue.

1. The whole ribbon has 9 equal pieces.
2. Put 9 in the denominator.
3. There are 7 blue pieces, so put 7 in the numerator.

Answer: 7/9

PRACTICE 6 problems

1 In 3/4, what does the 4 tell you?

ANSWER _____

2 A rectangle is split into 6 equal parts. 5 parts are shaded. Write the fraction that is shaded.

ANSWER _____

3 A number line from 0 to 1 is split into 8 equal spaces. Point P is 3 spaces to the right of 0. What fraction names point P?

ANSWER _____

4 Write 1/2 using fourths.

ANSWER _____

5 Which fraction is greater, 3/4 or 2/3?

ANSWER _____

6 Put these fractions in order from least to greatest: 1/3, 3/4, 1/2.

ANSWER _____

APPLY IT Show your work

1 Four friends share 3 identical sandwiches equally. What fraction of a sandwich does each friend get?

WORK SPACE

ANSWER _____

2 In a video game, Kai completes 2 of 6 equal stages in a level. What fraction of the level has Kai completed?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A number line from 0 to 1 is divided into 6 equal spaces. Point A is 3 spaces from 0. Point B is 4 spaces from 0. Which point is closer to 1? Explain using fractions.

_____

_____

ANSWER KEY

Fraction Path Finder

GRADE 3 · MA.3.FR.1

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	In 3/4, what does the 4 tell you?	**The whole is split into 4 equal parts.**
2	A rectangle is split into 6 equal parts. 5 parts are shaded. Write the fraction that is shaded.	**5/6**
3	A number line from 0 to 1 is split into 8 equal spaces. Point P is 3 spaces to the right of 0. What fraction names point P?	**3/8**
4	Write 1/2 using fourths.	**2/4**
5	Which fraction is greater, 3/4 or 2/3?	**3/4**
6	Put these fractions in order from least to greatest: 1/3, 3/4, 1/2.	**1/3, 1/2, 3/4**

PART 2 · APPLY IT

1. **3/4** Each friend gets 1/4 of each sandwich. Three fourths make 3/4 of a sandwich.
2. **2/6** There are 6 equal stages in all, so 6 is the denominator. Kai completed 2 stages, so the fraction is 2/6.

CHALLENGE

Point B. Point A is 3/6 from 1, and point B is 2/6 from 1. Since 2/6 is less than 3/6, point B is closer to 1.

Accept equivalent fractions when a student clearly shows they name the same amount. For the video game problem, accept 1/3 if the student explains that 2/6 equals 1/3.