

Fraction Whole Match

Show when fractions and whole numbers are the same value.

GRADE 3 • 3.NF.A.3c

CCSS.Math.Content.3.NF.A.3c "Express whole numbers as fractions, and recognize fractions that are equivalent to whole numbers. Examples: Express 3 in the form $3 = 3/1$; recognize that $6/1 = 6$; locate $4/4$ and 1 at the same point of a number line diagram."

NAME _____

DATE _____

WHOLE NUMBER FRACTIONS

You can write any whole number as a fraction by putting 1 on the bottom. A fraction with the same nonzero number on top and bottom equals 1. Equivalent numbers go at the same point on a number line.

WORKED EXAMPLE

Write 8 as a fraction with denominator 1. Then tell what whole number $9/9$ equals.

1. Start with the whole number 8.
2. Put 8 over 1: $8 = 8/1$.
3. The top and bottom of $9/9$ are the same, so it equals 1.

Answer: $8 = 8/1$; $9/9 = 1$

PRACTICE 6 problems

1 Write 4 as a fraction with denominator 1.

ANSWER _____

2 What whole number does $7/1$ equal?

ANSWER _____

3 What whole number does $5/5$ equal?

ANSWER _____

4 Point P is at 1 on a number line. Which fraction should also be at P: $3/4$, $6/6$, or $5/6$?

ANSWER _____

5 Write 12 as a fraction with denominator 1.

ANSWER _____

6 Which equation is true: $3 = 3/1$, $3 = 1/3$, or $3 = 1/1$?

ANSWER _____

APPLY IT Show your work

- 1** Kai collected 11 trading cards at a school swap. Write the number of cards as a fraction with denominator 1.

WORK SPACE

ANSWER _____

- 2** Lena completes all 4 equal sections of an online art project. Each section is $\frac{1}{4}$ of the project. What fraction of the project did Lena complete, and what whole number does that fraction equal?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Jada says $\frac{10}{10}$ is greater than 1 because 10 is greater than 1. Is Jada correct? Explain your reasoning.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Write 4 as a fraction with denominator 1.	4/1
2	What whole number does $7/1$ equal?	7
3	What whole number does $5/5$ equal?	1
4	Point P is at 1 on a number line. Which fraction should also be at P: $3/4$, $6/6$, or $5/6$?	6/6
5	Write 12 as a fraction with denominator 1.	12/1
6	Which equation is true: $3 = 3/1$, $3 = 1/3$, or $3 = 1/1$?	3 = 3/1

PART 2 • APPLY IT

1. **11/1** Kai has 11 whole cards. Put 11 over 1 to write the whole number as a fraction.
2. **4/4 = 1** Four sections of $1/4$ make $4/4$. The numerator and denominator are the same, so $4/4$ equals 1 whole.

CHALLENGE

No. $10/10 = 1$ because the numerator and denominator are the same.

Accept equivalent equation wording, such as $4 = 4/1$, when a student is asked to write a whole number as a fraction. For the number line item, accept only $6/6$ from the listed choices.