LESSON MAKER PRO

Fraction Code Breakers

Read and write fractions in words and symbols.

GRADE 3 · 3.N.3.1

3.N.3.1 "Read and write fractions with words and symbols using appropriate terminology (i.e., numerator and denominator)."

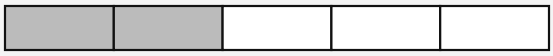
NAME _____ DATE _____

THE BIG IDEA

The denominator tells how many equal parts make the whole. The numerator tells how many parts are counted.

WORKED EXAMPLE

Write the shaded fraction in symbols and words.



1. There are 5 equal parts, so the denominator is 5.
2. There are 2 shaded parts, so the numerator is 2.
3. Write 2/5.

Answer: 2/5, two fifths

PRACTICE 4 problems

1 Write 3/4 in words.

ANSWER _____

2 Write one sixth in symbols.

ANSWER _____

3 In 4/7, name the numerator and denominator.

ANSWER _____

_____

4 Write three eighths in symbols.

ANSWER _____

APPLY IT Show your work

1 Each section shows one class vote. Shaded sections show votes for the robot movie. Write the shaded fraction in symbols and words.



ANSWER _____

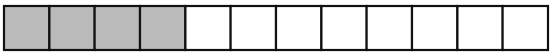
2 Of 10 soccer balls in a bin, 7 are blue. What fraction are blue? Write it in symbols and words.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Leo writes 12/4 for the shaded part. Explain his mistake. Write the correct fraction in symbols and words, and name its numerator and denominator.



WORK SPACE AND ANSWER

ANSWER KEY

Fraction Code Breakers

GRADE 3 · 3.N.3.1

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Write 3/4 in words.	**three fourths**
2	Write one sixth in symbols.	**1/6**
3	In 4/7, name the numerator and denominator.	**Numerator: 4. Denominator: 7.**
4	Write three eighths in symbols.	**3/8**

PART 2 · APPLY IT

1. **6/9, six ninths** Six of the nine sections are shaded, so the numerator is 6 and the denominator is 9.
2. **7/10, seven tenths** Seven balls are blue out of ten balls in all.

CHALLENGE

Leo switched the numbers. The fraction is 4/12, four twelfths. Its numerator is 4, and its denominator is 12.

Accept three quarters for three fourths. For the challenge, students should identify 4 shaded parts and 12 equal parts.