LESSON MAKER PRO

One Part Wonders

Show one equal part of a whole.

GRADE 3 · MA.3.FR.1.1

MA.3.FR.1.1 "Represent and interpret unit fractions in the form 1/n as the quantity formed by one part when a whole is partitioned into n equal parts."

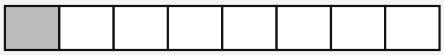
NAME _____ DATE _____

ONE EQUAL PART

A unit fraction names one part of a whole that is split into equal parts. In 1/n, the bottom number tells how many equal parts make the whole.

WORKED EXAMPLE

A strip is split into 8 equal parts. What fraction is shaded?

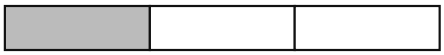
One whole 

1. The complete bar is one whole.
2. It has 8 equal parts, with one shaded.
3. One of eight equal parts is 1/8.

Answer: 1/8

PRACTICE 6 problems

1 A whole is split into 3 equal parts. What fraction is 1 part?

One whole 

ANSWER _____

2 What does 1/4 mean?

ANSWER _____

3 A sandwich is cut into 5 equal pieces. Write the fraction for 1 piece.

ANSWER _____

4 A strip of paper is split into 6 equal sections. What fraction is 1 section?

ANSWER _____

5 Choose the true statement: 1/10 means 1 of 10 equal parts, or 10 parts of 1 whole.

ANSWER _____

6 A whole is divided into 2 equal halves. Write the fraction for 1 half.

ANSWER _____

APPLY IT Show your work

1 Noah puts 4 equal groups of trading cards into 4 small boxes. What fraction of all the cards is in 1 box?

WORK SPACE

ANSWER

2 Draw one rectangular game board. Divide its whole area into 8 equal parts and shade exactly one. Label its fraction. Explain why the parts must have equal area.

CHALLENGE One step up

Two same-size granola bars are cut into equal pieces. One bar is cut into 3 equal pieces, and the other is cut into 6 equal pieces. Which is larger, 1/3 or 1/6? Explain why.

WORK SPACE AND ANSWER

ANSWER KEY

One Part Wonders

GRADE 3 · MA.3.FR.1.1

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A whole is split into 3 equal parts. What fraction is 1 part?	**1/3**
2	What does 1/4 mean?	**1 of 4 equal parts**
3	A sandwich is cut into 5 equal pieces. Write the fraction for 1 piece.	**1/5**
4	A strip of paper is split into 6 equal sections. What fraction is 1 section?	**1/6**
5	Choose the true statement: 1/10 means 1 of 10 equal parts, or 10 parts of 1 whole.	**1 of 10 equal parts**
6	A whole is divided into 2 equal halves. Write the fraction for 1 half.	**1/2**

PART 2 · APPLY IT

1. **1/4** The cards are separated into 4 equal groups. One group is 1/4 of all the cards.
2. **1/8; one of eight equal-area parts of a clearly identified whole. Unequal parts do not represent eighths.** Check equal-area partitions, exactly one shaded part, and the label 1/8.

CHALLENGE

1/3 is larger because the same whole is split into fewer equal pieces, so each piece is larger.

Accept fraction names written in words, such as "one third," when the fraction is correct. For the challenge, accept explanations that state that fewer equal parts make each part larger when the wholes are the same size.