

Lesson

10-4

Understand It!
A fraction has many different names.

Equivalent Fractions

March

23
fraction strips

How can you find two fractions that name the same part of a whole?

Lee ate $\frac{1}{4}$ of a pizza. Write another fraction that is equivalent to $\frac{1}{4}$.

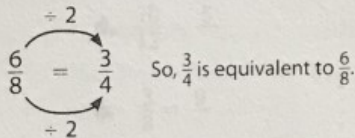
Equivalent fractions name the same part of a whole.



Another Example How can you divide to find an equivalent fraction?

Sara ate $\frac{6}{8}$ of a small mushroom pizza. Which fraction is equivalent to $\frac{6}{8}$?

Divide the numerator and denominator by the same number to find an equivalent fraction.

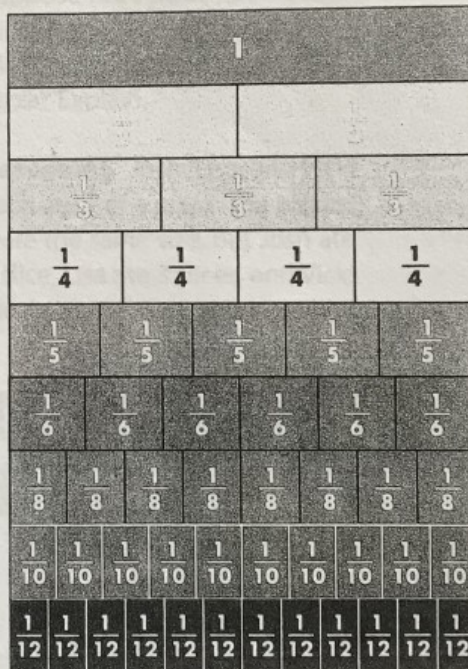


Check your answer using fraction strips.

Find $\frac{6}{8}$ by counting 6 of the $\frac{1}{8}$ strips.

Find $\frac{3}{4}$ by counting 3 of the $\frac{1}{4}$ strips.

Both $\frac{6}{8}$ and $\frac{3}{4}$ name the same part of a whole.



Explain It!

1. Can you divide 6 and 8 by any number to find an equivalent fraction? Explain.
2. Using fraction strips, find two fractions that are equivalent to $\frac{9}{12}$.

