

One Way

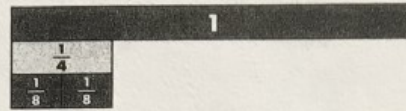
You can multiply the numerator and the denominator by the same number to find an equivalent fraction.

$$\begin{array}{c} \times 2 \\ \frac{1}{4} = \frac{2}{8} \\ \times 2 \\ \frac{1}{4} = \frac{2}{8} \end{array}$$

Another Way

Use fraction strips to find equivalent fractions.

Both $\frac{1}{4}$ and $\frac{2}{8}$ name the same part of a whole.



So, $\frac{1}{4}$ and $\frac{2}{8}$ are equivalent fractions.

Guided Practice***Do you know HOW?**

In 1 through 6, multiply or divide to find an equivalent fraction.

1. $\frac{2}{3} = \frac{\quad}{\quad}$

2. $\frac{10}{15} = \frac{\quad}{\quad}$

3. $\frac{1}{4} = \frac{\quad}{16}$

4. $\frac{10}{12} = \frac{5}{\quad}$

5. $\frac{15}{20} = \frac{\quad}{4}$

6. $\frac{3}{8} = \frac{9}{\quad}$

Do you UNDERSTAND?

7. Suppose Lee's pizza had 12 equal slices instead of 4. How many slices are gone if he ate $\frac{1}{4}$ of the pizza? Explain.
8. **Reasoning** Josh, Lisa, and Vicki each ate $\frac{1}{2}$ of a pizza. The pizzas were the same size, but Josh ate 1 slice, Lisa ate 3 slices, and Vicki ate 4 slices. How is this possible?

Independent Practice

Leveled Practice For 9 through 16, multiply or divide to find equivalent fractions.



You can check your answers using fraction strips.

9. $\frac{4}{9} = \frac{\quad}{\quad}$

10. $\frac{9}{15} = \frac{\quad}{\quad}$

11. $\frac{5}{7} = \frac{\quad}{\quad}$

12. $\frac{2}{4} = \frac{\quad}{\quad}$

13. $\frac{10}{10} = \frac{1}{\quad}$

14. $\frac{3}{4} = \frac{12}{\quad}$

15. $\frac{10}{20} = \frac{\quad}{4}$

16. $\frac{30}{40} = \frac{6}{\quad}$

*For another example, see Set D on page 245.



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