

# Rewrite Fractions with Common Denominators

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Interactive Examples

Use a common denominator to write an equivalent fraction for each fraction.

1.  $\frac{1}{5}, \frac{1}{2}$  common denominator: 10

2.  $\frac{1}{4}, \frac{2}{3}$  common denominator: \_\_\_\_\_

3.  $\frac{5}{6}, \frac{1}{3}$  common denominator: \_\_\_\_\_

**Think:** 10 is a multiple of 5 and 2.  
Find equivalent fractions with a denominator of 10.

$$\frac{2}{10}, \frac{5}{10}$$

4.  $\frac{3}{5}, \frac{1}{3}$  common denominator: \_\_\_\_\_

5.  $\frac{1}{2}, \frac{3}{8}$  common denominator: \_\_\_\_\_

6.  $\frac{1}{6}, \frac{1}{4}$  common denominator: \_\_\_\_\_

Use a common denominator to write an equivalent fraction for each fraction.

7.  $\frac{5}{6}, \frac{2}{9}$


8.  $\frac{1}{12}, \frac{3}{8}$

9.  $\frac{5}{9}, \frac{2}{15}$

## Problem Solving

10. Ella spends  $\frac{2}{3}$  hour practicing the piano each day. She also spends  $\frac{1}{2}$  hour jogging. What is a common denominator of the fractions?

11. In a science experiment, a plant grew  $\frac{3}{4}$  inch one week and  $\frac{1}{2}$  inch the next week. Use a common denominator to write an equivalent fraction for each fraction.

12.  **Math** Describe how you would rewrite the fractions  $\frac{1}{6}$  and  $\frac{1}{4}$  with a common denominator.

## Lesson Check

13. Name a pair of fractions that use a common denominator and are equivalent to  $\frac{9}{10}$  and  $\frac{5}{6}$ .
14. Jose says that there is  $\frac{5}{8}$  of a ham sandwich left and  $\frac{1}{2}$  of a turkey sandwich left. What is NOT a pair of equivalent fractions for  $\frac{5}{8}$  and  $\frac{1}{2}$ ?

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## Spiral Review

15. Matthew had the following times in two races: 3.032 minutes and 3.023 minutes. Use  $>$ ,  $<$ , or  $=$  to make the sentence true.
16. Serenity's class collected 3,591 bottle caps in 57 days. The same number of bottle caps were collected each day. How many bottle caps did the class collect per day?

$$3.032 \bigcirc 3.023$$

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17. Thanh multiplied 0.63 by 1.8. What is the correct product?
18. What is the value of  $(17 + 8) - 6 \times 2$ ?

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