# Compare Fractions

**Find a common denominator. Then compare. Write <, >, or =.**

**1.** $\frac{3}{4} \bigcirc< \frac{5}{6}$

$\frac{3}{4} = \frac{3 \times 3}{4 \times 3} = \frac{9}{12}$

$\frac{5}{6} = \frac{5 \times 2}{6 \times 2} = \frac{10}{12}$

$\frac{9}{12} < \frac{10}{12}$

**2.** $\frac{1}{5} \bigcirc \frac{2}{10}$

**3.** $\frac{2}{4} \bigcirc \frac{2}{5}$

**Plot the numbers on a number line. Then compare.**

**4.** $\frac{13}{10} \bigcirc \frac{5}{3}$



**5.** $\frac{4}{12} \bigcirc \frac{1}{6}$



**6.** $5\frac{2}{6} \bigcirc 5\frac{1}{3}$



**7.** $\frac{1}{3} \bigcirc \frac{2}{4}$



## Problem Solving · Real World

**8.** A recipe uses $\frac{2}{3}$ cup of flour and $\frac{5}{8}$ cup of blueberries. Is there more flour or more blueberries in the recipe?

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**9.** Lixue completed $\frac{5}{6}$ of the math homework and Al completed $\frac{4}{5}$ of the math homework. Did Lixue or Al complete more of the math homework?

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**10.** **WRITE** *Math* Give an example of fractions that you would compare by finding common denominators, and an example of fractions you would compare by finding common numerators.

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## Lesson Check

**11.** Pedro fills a glass $\frac{2}{4}$ full with orange juice. Write a fraction with a denominator of 6 that is greater than $\frac{2}{4}$.

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**12.** Today, Sun wants to run less than $\frac{7}{12}$ mile. Write a fraction with a denominator of 4 to represent a distance that is less than $\frac{7}{12}$ mile.

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## Spiral Review

**13.** Ms. Khan traveled 372,645 miles last year on business. What is the value of 6 in 372,645?

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**14.** One section of an auditorium has 12 rows of seats. Each row has 13 seats. What is the total number of seats in that section?

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**15.** Hiro has 12 black-and-white photos and 18 color photos. He wants to put the photos in equal rows so each row has either black-and-white photos only or color photos only. In how many rows can Hiro arrange the photos?

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**16.** The teacher writes $\frac{10}{12}$ on the board. Write an equivalent fraction using division.

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