

Compare fractions with the same denominator

NAME	DATE	SCORE / 10
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1 Which fraction is larger, $\frac{8}{11}$ or $\frac{3}{11}$, and why?

- ☐ The fractions are equal, because the denominators are the same.
- ☐ $\frac{8}{11}$ is larger, because 8 parts of $\frac{1}{11}$ are more than 3 parts of $\frac{1}{11}$.
- ☐ $\frac{3}{11}$ is larger, because fewer parts make larger parts.

2 Dev eats $\frac{3}{5}$ of a cake. Noah eats $\frac{2}{5}$ of a cake of the same size. Who eats more cake, and why?

- ☐ They eat the same amount, because the denominators are the same.
- ☐ Dev, because 3 parts of $\frac{1}{5}$ are more than 2 parts of $\frac{1}{5}$.
- ☐ Noah, because fewer parts make larger parts.

3 Which fraction is larger, $\frac{4}{5}$ or $\frac{1}{5}$, and why?

- ☐ $\frac{4}{5}$ is larger, because 4 parts of $\frac{1}{5}$ are more than 1 part of $\frac{1}{5}$.
- ☐ $\frac{1}{5}$ is larger, because fewer parts make larger parts.
- ☐ The fractions are equal, because the denominators are the same.

4 Dev eats $\frac{3}{10}$ of a cake. Ivy eats $\frac{1}{10}$ of a cake of the same size. Who eats more cake, and why?

- ☐ Dev, because 3 parts of $\frac{1}{10}$ are more than 1 part of $\frac{1}{10}$.
- ☐ They eat the same amount, because the denominators are the same.
- ☐ Ivy, because fewer parts make larger parts.

5 Which fraction is larger, $\frac{2}{3}$ or $\frac{1}{3}$, and why?

- ☐ $\frac{1}{3}$ is larger, because fewer parts make larger parts.
- ☐ $\frac{2}{3}$ is larger, because 2 parts of $\frac{1}{3}$ are more than 1 part of $\frac{1}{3}$.
- ☐ The fractions are equal, because the denominators are the same.

6 Cleo eats $\frac{9}{10}$ of a cake. Ivy eats $\frac{1}{10}$ of a cake of the same size. Who eats more cake, and why?

- ☐ Ivy, because fewer parts make larger parts.
- ☐ Cleo, because 9 parts of $\frac{1}{10}$ are more than 1 part of $\frac{1}{10}$.
- ☐ They eat the same amount, because the denominators are the same.

7 Which fraction is larger, $\frac{6}{9}$ or $\frac{4}{9}$, and why?

- ☐ $\frac{6}{9}$ is larger, because 6 parts of $\frac{1}{9}$ are more than 4 parts of $\frac{1}{9}$.
- ☐ $\frac{4}{9}$ is larger, because fewer parts make larger parts.
- ☐ The fractions are equal, because the denominators are the same.

8 Maya eats $\frac{5}{6}$ of a pizza. Ben eats $\frac{1}{6}$ of a pizza of the same size. Who eats more pizza, and why?

- ☐ Ben, because fewer parts make larger parts.
- ☐ Maya, because 5 parts of $\frac{1}{6}$ are more than 1 part of $\frac{1}{6}$.
- ☐ They eat the same amount, because the denominators are the same.

9

Which fraction is larger, $\frac{1}{4}$ or $\frac{3}{4}$, and why?

- ☐ $\frac{3}{4}$ is larger, because 3 parts of $\frac{1}{4}$ are more than 1 part of $\frac{1}{4}$.
- ☐ The fractions are equal, because the denominators are the same.
- ☐ $\frac{1}{4}$ is larger, because fewer parts make larger parts.

10

Emma cuts off $\frac{1}{4}$ of a rope. Noah cuts off $\frac{3}{4}$ of a rope of the same length. Whose piece is longer, and why?

- ☐ Emma's piece, because fewer parts make larger parts.
- ☐ Noah's piece, because 3 parts of $\frac{1}{4}$ are more than 1 part of $\frac{1}{4}$.
- ☐ The pieces are the same length, because the denominators are the same.

Compare fractions with the same denominator

1 $8/11$ is larger, because 8 parts of $1/11$ are more than 3 parts of $1/11$.

3 $4/5$ is larger, because 4 parts of $1/5$ are more than 1 part of $1/5$.

5 $2/3$ is larger, because 2 parts of $1/3$ are more than 1 part of $1/3$.

7 $6/9$ is larger, because 6 parts of $1/9$ are more than 4 parts of $1/9$.

9 $3/4$ is larger, because 3 parts of $1/4$ are more than 1 part of $1/4$.

2 Dev, because 3 parts of $1/5$ are more than 2 parts of $1/5$.

4 Dev, because 3 parts of $1/10$ are more than 1 part of $1/10$.

6 Cleo, because 9 parts of $1/10$ are more than 1 part of $1/10$.

8 Maya, because 5 parts of $1/6$ are more than 1 part of $1/6$.

10 Noah's piece, because 3 parts of $1/4$ are more than 1 part of $1/4$.