

Compare fractions with the same numerator

NAME	DATE	SCORE / 10
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1 Which fraction is larger, $\frac{2}{9}$ or $\frac{2}{8}$, and why?

- ☐ $\frac{2}{9}$ is larger, because 9 is more than 8.
 ☐ $\frac{2}{8}$ is larger, because $\frac{1}{8}$ is larger than $\frac{1}{9}$.
☐ The fractions are equal, because the numerators are the same.

2 Cleo cuts off $\frac{2}{3}$ of a rope. Dev cuts off $\frac{2}{9}$ of a rope of the same length. Whose piece is longer, and why?

- ☐ The pieces are the same length, because the numerators are the same.
☐ Dev's piece, because 9 is more than 3.
 ☐ Cleo's piece, because $\frac{1}{3}$ is larger than $\frac{1}{9}$.

3 Which fraction is larger, $\frac{3}{10}$ or $\frac{3}{12}$, and why?

- ☐ $\frac{3}{12}$ is larger, because 12 is more than 10.
☐ The fractions are equal, because the numerators are the same.
☐ $\frac{3}{10}$ is larger, because $\frac{1}{10}$ is larger than $\frac{1}{12}$.

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

- ☐ They eat the same amount, because the numerators are the same.
☐ Dev, because $\frac{1}{4}$ is larger than $\frac{1}{10}$.
 ☐ Ivy, because 10 is more than 4.

5 Which fraction is larger, $\frac{5}{6}$ or $\frac{5}{10}$, and why?

- ☐ $\frac{5}{10}$ is larger, because 10 is more than 6.
- ☐ The fractions are equal, because the numerators are the same.
- ☐ $\frac{5}{6}$ is larger, because $\frac{1}{6}$ is larger than $\frac{1}{10}$.

6 Emma cuts off $\frac{3}{7}$ of a rope. Dev cuts off $\frac{3}{10}$ of a rope of the same length. Whose piece is longer, and why?

- ☐ The pieces are the same length, because the numerators are the same.
- ☐ Dev's piece, because 10 is more than 7.
- ☐ Emma's piece, because $\frac{1}{7}$ is larger than $\frac{1}{10}$.

7 Which fraction is larger, $\frac{4}{8}$ or $\frac{4}{10}$, and why?

- ☐ $\frac{4}{8}$ is larger, because $\frac{1}{8}$ is larger than $\frac{1}{10}$.
- ☐ The fractions are equal, because the numerators are the same.
- ☐ $\frac{4}{10}$ is larger, because 10 is more than 8.

8 Noah cuts off $\frac{5}{6}$ of a rope. Emma cuts off $\frac{5}{11}$ of a rope of the same length. Whose piece is longer, and why?

- ☐ Emma's piece, because 11 is more than 6.
- ☐ Noah's piece, because $\frac{1}{6}$ is larger than $\frac{1}{11}$.
- ☐ The pieces are the same length, because the numerators are the same.

9 Which fraction is larger, $\frac{6}{8}$ or $\frac{6}{12}$, and why?

- ☐ $\frac{6}{12}$ is larger, because 12 is more than 8.
- ☐ $\frac{6}{8}$ is larger, because $\frac{1}{8}$ is larger than $\frac{1}{12}$.
- ☐ The fractions are equal, because the numerators are the same.

- 10** Leo cuts off $\frac{6}{11}$ of a ribbon. Dev cuts off $\frac{6}{7}$ of a ribbon of the same length. Whose piece is longer, and why?
- ☐ Dev's piece, because $\frac{1}{7}$ is larger than $\frac{1}{11}$.
 - ☐ The pieces are the same length, because the numerators are the same.
 - ☐ Leo's piece, because 11 is more than 7.

Compare fractions with the same numerator

1 $2/8$ is larger, because $1/8$ is larger than $1/9$.

3 $3/10$ is larger, because $1/10$ is larger than $1/12$.

5 $5/6$ is larger, because $1/6$ is larger than $1/10$.

7 $4/8$ is larger, because $1/8$ is larger than $1/10$.

9 $6/8$ is larger, because $1/8$ is larger than $1/12$.

2 Cleo's piece, because $1/3$ is larger than $1/9$.

4 Dev, because $1/4$ is larger than $1/10$.

6 Emma's piece, because $1/7$ is larger than $1/10$.

8 Noah's piece, because $1/6$ is larger than $1/11$.

10 Dev's piece, because $1/7$ is larger than $1/11$.