

Compare fractions with the same numerator

NAME	DATE	SCORE / 10
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1 Which fraction is larger, $\frac{2}{12}$ or $\frac{2}{10}$, and why?

- ☐ $\frac{2}{12}$ is larger, because 12 is more than 10.
- ☐ $\frac{2}{10}$ is larger, because $\frac{1}{10}$ is larger than $\frac{1}{12}$.
- ☐ The fractions are equal, because the numerators are the same.

2 Dev cuts off $\frac{5}{8}$ of a ribbon. Ben cuts off $\frac{5}{12}$ of a ribbon of the same length. Whose piece is longer, and why?

- ☐ The pieces are the same length, because the numerators are the same.
- ☐ Ben's piece, because 12 is more than 8. ☐ Dev's piece, because $\frac{1}{8}$ is larger than $\frac{1}{12}$.

3 Which fraction is larger, $\frac{3}{9}$ or $\frac{3}{10}$, and why?

- ☐ $\frac{3}{10}$ is larger, because 10 is more than 9.
- ☐ The fractions are equal, because the numerators are the same.
- ☐ $\frac{3}{9}$ is larger, because $\frac{1}{9}$ is larger than $\frac{1}{10}$.

4 Noah eats $\frac{3}{4}$ of a cake. Dev eats $\frac{3}{7}$ of a cake of the same size. Who eats more cake, and why?

- ☐ They eat the same amount, because the numerators are the same.
- ☐ Noah, because $\frac{1}{4}$ is larger than $\frac{1}{7}$. ☐ Dev, because 7 is more than 4.

5 Which fraction is larger, $\frac{3}{10}$ or $\frac{3}{7}$, and why?

- ☐ $\frac{3}{7}$ is larger, because $\frac{1}{7}$ is larger than $\frac{1}{10}$. ☐ $\frac{3}{10}$ is larger, because 10 is more than 7.
☐ The fractions are equal, because the numerators are the same.

6 Ben cuts off $\frac{6}{11}$ of a ribbon. Noah cuts off $\frac{6}{7}$ of a ribbon of the same length. Whose piece is longer, and why?

- ☐ Noah's piece, because $\frac{1}{7}$ is larger than $\frac{1}{11}$. ☐ Ben's piece, because 11 is more than 7.
☐ The pieces are the same length, because the numerators are the same.

7 Which fraction is larger, $\frac{3}{8}$ or $\frac{3}{10}$, and why?

- ☐ The fractions are equal, because the numerators are the same.
☐ $\frac{3}{10}$ is larger, because 10 is more than 8. ☐ $\frac{3}{8}$ is larger, because $\frac{1}{8}$ is larger than $\frac{1}{10}$.

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

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

9 Which fraction is larger, $\frac{2}{11}$ or $\frac{2}{10}$, and why?

- ☐ $\frac{2}{11}$ is larger, because 11 is more than 10.
☐ $\frac{2}{10}$ is larger, because $\frac{1}{10}$ is larger than $\frac{1}{11}$.
☐ The fractions are equal, because the numerators are the same.

10 Ana eats $\frac{6}{7}$ of a cake. Cleo eats $\frac{6}{11}$ of a cake of the same size. Who eats more cake, and why?

- ☐ They eat the same amount, because the numerators are the same.
- ☐ Cleo, because 11 is more than 7. ☐ Ana, because $\frac{1}{7}$ is larger than $\frac{1}{11}$.

Compare fractions with the same numerator

1 $2/10$ is larger, because $1/10$ is larger than $1/12$.

3 $3/9$ is larger, because $1/9$ is larger than $1/10$.

5 $3/7$ is larger, because $1/7$ is larger than $1/10$.

7 $3/8$ is larger, because $1/8$ is larger than $1/10$.

9 $2/10$ is larger, because $1/10$ is larger than $1/11$.

2 Dev's piece, because $1/8$ is larger than $1/12$.

4 Noah, because $1/4$ is larger than $1/7$.

6 Noah's piece, because $1/7$ is larger than $1/11$.

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

10 Ana, because $1/7$ is larger than $1/11$.