

Compare fractions with unlike denominators

NAME	DATE	SCORE / 10
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1 Write $\frac{4}{11}$ and $\frac{1}{2}$ over the same denominator. Which fraction is larger, or are the fractions equal?

- ☐ $\frac{8}{22}$ and $\frac{11}{22}$, so $\frac{1}{2}$ is larger ☐ $\frac{4}{11}$ is larger, because 4 is more than 1
☐ $\frac{15}{22}$ and $\frac{21}{22}$, so $\frac{1}{2}$ is larger ☐ $\frac{4}{22}$ and $\frac{1}{22}$, so $\frac{4}{11}$ is larger

2 Cleo ate $\frac{1}{3}$ of a pizza. Ivy ate $\frac{3}{9}$ of a pizza of the same size. Write both amounts over the same denominator. Who ate more pizza, or did they eat the same amount?

- ☐ $\frac{7}{9}$ and $\frac{3}{9}$, so Cleo ate more pizza ☐ Ivy ate more pizza, because 3 is more than 1
☐ $\frac{1}{9}$ and $\frac{3}{9}$, so Ivy ate more pizza ☐ $\frac{3}{9}$ and $\frac{3}{9}$, so they ate the same amount

3 Write $\frac{8}{12}$ and $\frac{6}{9}$ over the same denominator. Which fraction is larger, or are the fractions equal?

- ☐ $\frac{8}{12}$ is larger, because 8 is more than 6 ☐ $\frac{24}{36}$ and $\frac{24}{36}$, so the fractions are equal
☐ $\frac{8}{36}$ and $\frac{6}{36}$, so $\frac{8}{12}$ is larger ☐ $\frac{32}{36}$ and $\frac{33}{36}$, so $\frac{6}{9}$ is larger

4

Dev's ribbon is $\frac{9}{12}$ metre long. Leo's ribbon is $\frac{3}{4}$ metre long. Write both lengths over the same denominator. Whose ribbon is longer, or are they the same length?

- ☐ $\frac{9}{12}$ and $\frac{9}{12}$, so the ribbons are the same length
- ☐ Dev's ribbon is longer, because 9 is more than 3
- ☐ $\frac{9}{12}$ and $\frac{3}{12}$, so Dev's ribbon is longer ☐ $\frac{9}{12}$ and $\frac{11}{12}$, so Leo's ribbon is longer

5

Write $\frac{8}{12}$ and $\frac{4}{6}$ over the same denominator. Which fraction is larger, or are the fractions equal?

- ☐ $\frac{8}{12}$ is larger, because 8 is more than 4 ☐ $\frac{8}{12}$ and $\frac{10}{12}$, so $\frac{4}{6}$ is larger
- ☐ $\frac{8}{12}$ and $\frac{4}{12}$, so $\frac{8}{12}$ is larger ☐ $\frac{8}{12}$ and $\frac{8}{12}$, so the fractions are equal

6

Maya ate $\frac{7}{11}$ of a pizza. Dev ate $\frac{2}{3}$ of a pizza of the same size. Write both amounts over the same denominator. Who ate more pizza, or did they eat the same amount?

- ☐ $\frac{7}{33}$ and $\frac{2}{33}$, so Maya ate more pizza ☐ $\frac{29}{33}$ and $\frac{32}{33}$, so Dev ate more pizza
- ☐ Maya ate more pizza, because 7 is more than 2 ☐ $\frac{21}{33}$ and $\frac{22}{33}$, so Dev ate more pizza

7

Write $\frac{1}{2}$ and $\frac{3}{10}$ over the same denominator. Which fraction is larger, or are the fractions equal?

- ☐ $\frac{9}{10}$ and $\frac{3}{10}$, so $\frac{1}{2}$ is larger ☐ $\frac{5}{10}$ and $\frac{3}{10}$, so $\frac{1}{2}$ is larger
- ☐ $\frac{1}{10}$ and $\frac{3}{10}$, so $\frac{3}{10}$ is larger ☐ $\frac{3}{10}$ is larger, because 3 is more than 1

8

Emma ran $\frac{2}{9}$ kilometre. Leo ran $\frac{1}{4}$ kilometre. Write both distances over the same denominator. Who ran farther, or did they run the same distance?

- ☐ Emma ran farther, because 2 is more than 1 ☐ $\frac{2}{36}$ and $\frac{1}{36}$, so Emma ran farther
- ☐ $\frac{8}{36}$ and $\frac{9}{36}$, so Leo ran farther ☐ $\frac{29}{36}$ and $\frac{33}{36}$, so Leo ran farther

9

Write $\frac{6}{12}$ and $\frac{1}{2}$ over the same denominator. Which fraction is larger, or are the fractions equal?

- ☐ $\frac{6}{12}$ and $\frac{11}{12}$, so $\frac{1}{2}$ is larger ☐ $\frac{6}{12}$ and $\frac{6}{12}$, so the fractions are equal
- ☐ $\frac{6}{12}$ is larger, because 6 is more than 1 ☐ $\frac{6}{12}$ and $\frac{1}{12}$, so $\frac{6}{12}$ is larger

10

Ana's ribbon is $\frac{2}{11}$ metre long. Cleo's ribbon is $\frac{1}{3}$ metre long. Write both lengths over the same denominator. Whose ribbon is longer, or are they the same length?

- ☐ $\frac{6}{33}$ and $\frac{11}{33}$, so Cleo's ribbon is longer
- ☐ Ana's ribbon is longer, because 2 is more than 1
- ☐ $\frac{24}{33}$ and $\frac{31}{33}$, so Cleo's ribbon is longer ☐ $\frac{2}{33}$ and $\frac{1}{33}$, so Ana's ribbon is longer

Compare fractions with unlike denominators

1 $\frac{8}{22}$ and $\frac{11}{22}$, so $\frac{1}{2}$ is larger

3 $\frac{24}{36}$ and $\frac{24}{36}$, so the fractions are equal

5 $\frac{8}{12}$ and $\frac{8}{12}$, so the fractions are equal

7 $\frac{5}{10}$ and $\frac{3}{10}$, so $\frac{1}{2}$ is larger

9 $\frac{6}{12}$ and $\frac{6}{12}$, so the fractions are equal

2 $\frac{3}{9}$ and $\frac{3}{9}$, so they ate the same amount

4 $\frac{9}{12}$ and $\frac{9}{12}$, so the ribbons are the same length

6 $\frac{21}{33}$ and $\frac{22}{33}$, so Dev ate more pizza

8 $\frac{8}{36}$ and $\frac{9}{36}$, so Leo ran farther

10 $\frac{6}{33}$ and $\frac{11}{33}$, so Cleo's ribbon is longer
