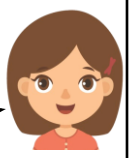
Compare and Order Fractions Less than 1

1a. Wynter is comparing the fractions $\frac{4}{10}$ and $\frac{4}{7}$.



I know that tenths are bigger than sevenths, so $\frac{4}{10}$ is bigger than $\frac{4}{7}$.

Is she correct? Show how she could use a diagram to check her answer.

D R

Compare and Order Fractions Less than 1

1b. Xin is comparing the fractions $\frac{3}{8}$ and $\frac{3}{5}$.

I know that eighths are bigger than fifths, so $\frac{3}{5}$ is bigger than $\frac{3}{8}$.

Is he correct? Show how he could use a diagram to check his answer.

D R

2a. Use two number cards to complete the equation.

$$\frac{1}{6} < \frac{\square}{\square} < \frac{3}{6}$$

2 5 6 12

Find two possibilities.

D PS

2b. Use two number cards to complete the equation.

$$\frac{4}{9} > \frac{\square}{\square} > \frac{2}{9}$$

3 7 9 18

Find two possibilities.

D PS

3a. Kyle has put these fractions in ascending order.

$$\frac{7}{8}, \frac{5}{8}, \frac{7}{16}, \frac{1}{16}$$

Explain his mistake.

Rewrite the fractions in the correct order with the same denominators.

D R

3b. Holly has put these fractions in ascending order.

$$\frac{1}{5}, \frac{3}{10}, \frac{4}{5}, \frac{7}{10}$$

Explain her mistake.

Rewrite the fractions in the correct order with the same denominators.

D R

Compare and Order Fractions Less than 1

4a. Luna is comparing the fractions $\frac{2}{9}$ and $\frac{2}{3}$.

I know that $\frac{2}{9}$ is larger than $\frac{2}{3}$ because a ninth is three times bigger than a third.

Is she correct? Show how she could use a diagram to check her answer.

E R

4b. Yussuf is comparing the fractions $\frac{6}{7}$ and $\frac{3}{4}$.

I know that $\frac{3}{4}$ equals $\frac{6}{8}$. $\frac{6}{7}$ is larger than $\frac{6}{8}$ because sevenths have bigger pieces than eighths.

Is he correct? Show how he could use a diagram to check his answer.

E R

5a. Use two number cards to complete the equation.

$$\frac{3}{5} > \frac{\square}{\square} > \frac{2}{5}$$

5 8 9 10 15

Find two possibilities.

E PS

5b. Use two number cards to complete the equation.

$$\frac{7}{11} < \frac{\square}{\square} < \frac{8}{11}$$

11 15 22 25 33

Find two possibilities.

E PS

6a. Callum has put these fractions in ascending order.

$$\frac{1}{8}, \frac{3}{4}, \frac{7}{32}, \frac{11}{16}$$

Explain his mistake.

Rewrite the fractions in the correct order with the same denominators.

E R

6b. Julia has put these fractions in descending order.

$$\frac{21}{24}, \frac{9}{12}, \frac{5}{6}, \frac{2}{3}$$

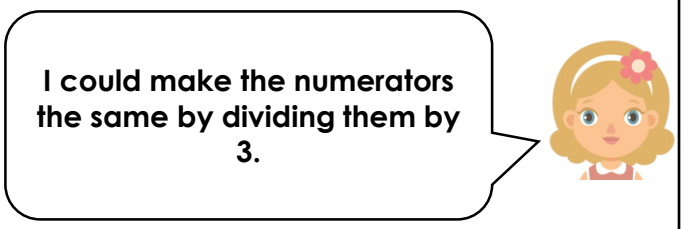
Explain her mistake.

Rewrite the fractions in the correct order with the same denominators.

E R

Compare and Order Fractions Less than 1

7a. Fran is comparing the fractions $\frac{4}{9}$ and $\frac{12}{30}$.

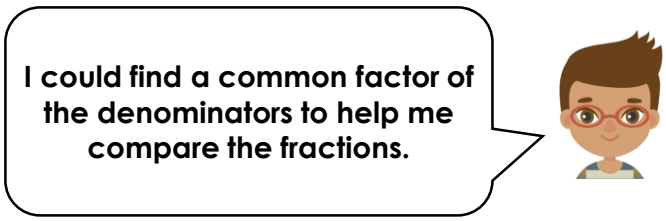


Is she correct? Show how she could use a diagram to check her answer.

GD R

Compare and Order Fractions Less than 1

7b. Mallory is comparing the fractions $\frac{7}{18}$ and $\frac{21}{32}$.



Is he correct? Show how he could use a diagram to check his answer.

GD R

8a. Use two number cards to complete the equation.

$$\frac{24}{72} < \frac{\square}{\square} < \frac{60}{72}$$

12	25	18	8	36

Find two possibilities.

GD PS

8b. Use two number cards to complete the equation.

$$\frac{14}{32} > \frac{\square}{\square} > \frac{10}{32}$$

8	3	31	37	96

Find two possibilities.

GD PS

9a. Mo has put these fractions in ascending order.

$$\frac{16}{20}, \frac{21}{35}, \frac{18}{45}, \frac{12}{60}$$

Explain his mistake.

Rewrite the fractions in the correct order with the same denominators.

GD R

9b. Mildred has put these fractions in descending order.

$$\frac{20}{35}, \frac{12}{42}, \frac{10}{14}, \frac{9}{21}$$

Explain her mistake.

Rewrite the fractions in the correct order with the same denominators.

GD R