

Compare and Order Fractions Less than 1

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.



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.



R

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

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



Find two possibilities.



PS

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

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



Find two possibilities.



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.



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.



R