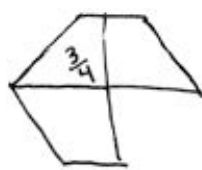


Mathematics Methods Planning Group (2007). *Fraction comparison strategies: Student work sample* [Educational resource]. Reprinted with permission.

Student work 1-6

Write a number sentence to show which fraction is larger. Explain the strategies you used. Use the symbols $<$ and $>$ in your answer.

A. $\frac{2}{10} < \text{or} \frac{3}{4}$



$\frac{2}{10}$ is got to be smaller

B. $\frac{3}{7} < \text{or} \frac{4}{7}$

4 is bigger than 3 and 7 and 7 are equal

C. $\frac{5}{8} > \text{or} \frac{5}{9}$

5 is the same on the top so whatever number is smaller on the bottom, ($8 < 9$) so $\frac{5}{8}$ is bigger.

Write a number sentence to show which fraction is larger. Explain the strategies you used. Use the symbols $<$ and $>$ in your answer.

A. $\frac{2}{10}$ or $\frac{3}{4}$

8 away $<$ 1 away

B. $\frac{3}{7}$ or $\frac{4}{7}$

4 away $<$ 3 away

C. $\frac{5}{8}$ or $\frac{5}{9}$

3 away $>$ 4 away

Write a number sentence to show which fraction is larger. Explain the strategies you used. Use the symbols $<$ and $>$ in your answer.

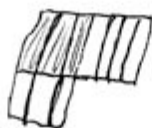
A. $\frac{2}{10}$ or $\frac{3}{4}$

$$\frac{2}{10} < \frac{3}{4}$$



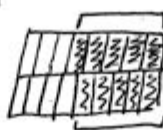
B. $\frac{3}{7}$ or $\frac{4}{7}$

$$\frac{3}{7} < \frac{4}{7}$$



this is bigger
than this

C. $\frac{5}{8}$ or $\frac{5}{9}$ $\frac{5}{8} > \frac{5}{9}$



this is bigger

this is
smaller

Write a number sentence to show which fraction is larger. Explain the strategies you used. Use the symbols $<$ and $>$ in your answer.

A. $\frac{2}{10}$ or $\frac{3}{4}$

$$\frac{3}{4} > \frac{2}{10}$$

closer to whole

B. $\frac{3}{7}$ or $\frac{4}{7}$

$$\frac{4}{7} > \frac{3}{7}$$

4 is more than 3

C. $\frac{5}{8}$ or $\frac{5}{9}$

$$\frac{5}{8} > \frac{5}{9}$$

there are Bigger parts in $\frac{5}{8}$

Write a number sentence to show which fraction is larger. Explain the strategies you used. Use the symbols $<$ and $>$ in your answer.

A. $\frac{2}{10} <$ or $\frac{3}{4}$

I think $\frac{3}{4}$ is bigger because you would have more pieces

B. $\frac{3}{7} <$ or $\frac{4}{7}$

I think $\frac{4}{7}$ because you would get more pieces.

C. $\frac{5}{8} >$ or $\frac{5}{9}$

I think $\frac{5}{8}$ because you would get more pieces

Write a number sentence to show which fraction is larger. Explain the strategies you used. Use the symbols $<$ and $>$ in your answer.

A. $\frac{2}{10} < \text{or} \frac{3}{4}$

B. $\frac{3}{7} < \text{or} \frac{4}{7}$

C. $\frac{5}{8} > \text{or} \frac{5}{9}$

I just figured out what fraction was smaller and almost done.