

3rd Grade Comparing Fractions - Answer Key

3rd Grade - comparing fractions with the same numerator or denominator | 15 minutes

Write $>$, $<$, or $=$ between each pair of fractions.

Example: Same denominator: $\frac{3}{8}$ $\frac{1}{4}$ (halves are bigger pieces).

1. $\frac{2}{6}$ ___ $\frac{4}{6}$

Answer: $<$

2. $\frac{5}{8}$ ___ $\frac{3}{8}$

Answer: $>$

3. $\frac{1}{3}$ ___ $\frac{1}{6}$

Answer: $>$

4. $\frac{1}{4}$ ___ $\frac{1}{2}$

Answer: $<$

5. $\frac{3}{4}$ ___ $\frac{3}{4}$

Answer: $=$

6. $\frac{7}{10}$ ___ $\frac{4}{10}$

Answer: $>$

7. $\frac{1}{8}$ ___ $\frac{1}{5}$

Answer: $<$

8. $\frac{2}{3}$ ___ $\frac{1}{3}$

Answer: $>$

Challenge

9. Which is bigger, $\frac{1}{5}$ or $\frac{1}{9}$? Explain.

Answer: $\frac{1}{5}$ - when the numerator is 1, fewer pieces (smaller denominator) means each piece is bigger.

10. Can $\frac{1}{2}$ of a small pizza be less than $\frac{1}{4}$ of a large pizza?

Answer: Yes - comparing fractions only works fairly when the wholes are the same size.