

Y5 Compare Order Fractions

KS2 Y5 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

Compare $\frac{3}{4}$ and $\frac{5}{8}$.

Step 1 · 8 is a multiple of 4
change quarters into eighths

Step 2 · $\frac{3}{4} = \frac{6}{8}$
multiply top and bottom by 2

Step 3 · Compare $\frac{6}{8}$ and $\frac{5}{8}$
 $6 \text{ eighths} > 5 \text{ eighths}$

Answer: $\frac{3}{4} > \frac{5}{8}$

Check: On fraction bars, $\frac{3}{4}$ reaches further than $\frac{5}{8}$ ✓

2. Now try one with the steps

Compare $\frac{7}{10}$ and $\frac{3}{5}$.

Step 1 · 10 is a multiple of 5

Step 2 · Compare $\frac{7}{10}$ and $\frac{6}{10}$

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. Use < or >: $\frac{3}{8}$ ____ $\frac{5}{8}$

2. Use < or >: $\frac{1}{5}$ ____ $\frac{1}{3}$

3. Use <, > or =: $\frac{1}{2}$ ____ $\frac{4}{8}$

4. Use < or >: $\frac{2}{3}$ ____ $\frac{5}{6}$

5. Use < or >: $\frac{3}{4}$ ____ $\frac{7}{12}$

6. Use < or >: $\frac{4}{5}$ ____ $\frac{7}{10}$

7. Which is greater: $\frac{5}{9}$ or $\frac{2}{3}$?

8. Order from smallest: $\frac{3}{4}$, $\frac{5}{8}$, $\frac{1}{2}$

9. Order from smallest: $\frac{7}{10}$, $\frac{1}{2}$, $\frac{3}{5}$, $\frac{9}{10}$

10. Order from largest: $\frac{5}{6}$, $\frac{3}{4}$, $\frac{7}{12}$, $\frac{2}{3}$

11. Which is greater: $\frac{5}{8}$ or $\frac{5}{6}$?

12. Write a fraction in twelfths that is between $\frac{1}{3}$ and $\frac{1}{2}$.

13. Leo ran $\frac{3}{4}$ of a mile. Ana ran $\frac{11}{16}$ of a mile. Who ran further?

14. Is $\frac{13}{20}$ greater or less than $\frac{3}{5}$?

4. Before you hand it in

Saying $\frac{1}{5} > \frac{1}{3}$ because $5 > 3$.

The denominator tells you how many pieces the whole is cut into. More pieces means smaller pieces, so $\frac{1}{5} < \frac{1}{3}$.

Comparing $\frac{3}{4}$ and $\frac{5}{8}$ by looking only at the numerators ($3 < 5$).

Make the denominators the same first: $\frac{3}{4} = \frac{6}{8}$, and $\frac{6}{8} > \frac{5}{8}$.

Changing $\frac{2}{3}$ to twelfths as $\frac{2}{12}$.

Multiply both by 4: $\frac{2}{3} = \frac{8}{12}$.