

NAME: _____



Purpose

To use benchmarks and equal fractions to compare fraction amounts

Math Words

benchmarks numbers like 0, $\frac{1}{4}$, $\frac{1}{2}$, and 1 are benchmarks.

is less than The symbol $<$ points to the smaller number.
You read $4 < 5$ as 4 is less than 5.

is greater than Read $5 > 4$ as 5 is greater than 4.

common denominator $\frac{6}{12}$ and $\frac{1}{12}$ have 12 as a common denominator.

Starter Problem

Compare the fractions. Think about their meaning.
Write $<$ or $>$ in the blank.

$$\frac{4}{5} \quad \square \quad \frac{7}{10}$$

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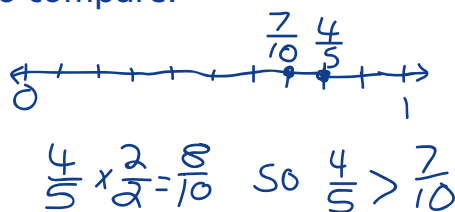
$$\frac{4}{5} \square \frac{7}{10}$$

Student Thinking



Keisha

i put both fractions on the number line. Four fifths is closer to 1 than seven tenths is. So, four fifths is greater. i checked by multiplying both terms of four fifths by 2 to make tenths. Then they are easy to compare.



Robert

This is easy. 4 is less than 7 and 5 is less than 10. So, four fifths is less than seven tenths.

$$\frac{4}{5} < \frac{7}{10}$$

Pitfall

Things to Remember

- * _____
- * _____



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Our Turn

Write $>$ or $<$ to show which fraction is greater. use equivalent fractions or benchmarks to decide.

1. $\frac{1}{8}$ $\frac{1}{10}$

2. $\frac{3}{4}$ $\frac{7}{8}$

3. $\frac{7}{12}$ $\frac{9}{10}$

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My Turn

Write $>$ or $<$ to show which fraction is greater. use equivalent fractions or benchmarks to decide.

1. $\frac{1}{4}$ $\frac{1}{3}$

2. $\frac{5}{6}$ $\frac{2}{3}$

3. $\frac{7}{10}$ $\frac{5}{12}$

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Multiple Choice Mini Lesson

Fill in the circle next to the answer you choose.

1. Which fraction is greater than $\frac{3}{5}$?

☐ $\frac{3}{6}$

☐ $\frac{7}{20}$

☐ $\frac{7}{10}$

☐ $\frac{2}{5}$

2. Which fraction is less than $\frac{1}{4}$?

☐ $\frac{50}{100}$

☐ $\frac{3}{24}$

☐ $\frac{5}{6}$

☐ $\frac{3}{8}$



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Writing Task Mini Lesson

explain how you know that it is correct to write $\frac{5}{6} > \frac{2}{3}$. You may draw a picture on the back to help you explain.



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