

Reteach

Compare and Order Fractions, Decimals, and Percents

Example 1

Replace the \square with $<$, $>$, or $=$ to make $\frac{4}{5} \square 0.9$ a true statement.

$$\frac{4}{5} \square 0.9$$

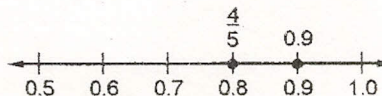
Write the statement.

$$0.8 \square 0.9$$

Write $\frac{4}{5}$ as a decimal.

$$0.8 < 0.9$$

Compare the tenths place.



Since $0.8 < 0.9$, $\frac{4}{5} < 0.9$.

Check Since 0.8 is to the left of 0.9 on the number line, $\frac{4}{5} < 0.9$.

Example 2

Replace the \square with $<$, $>$, or $=$ to make $25\% \square 0.23$ a true statement.

$$25\% \square 0.23$$

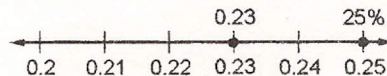
Write the statement.

$$0.25 \square 0.23$$

Write 25% as a decimal.

$$0.25 > 0.23$$

Since the tenths are the same, compare the hundredths.



Since $0.25 > 0.23$, $25\% > 0.23$.

Check Use the number line.

Exercises

Replace the \square with $<$, $>$, or $=$ to make a true statement.

1. $\frac{1}{2} \square 47\%$

2. $0.65 \square \frac{13}{20}$

3. $89\% \square \frac{9}{10}$

4. $\frac{17}{19} \square 0.85$

5. $34\% \square \frac{3}{10}$

6. $0.28 \square 25\%$

7. $0.75 \square 70\%$

8. $0.14 \square \frac{1}{5}$

9. $\frac{3}{4} \square 85\%$

10. $0.3 \square \frac{2}{5}$