

Name: Class:

Compare decimals and fractions

Which sign makes the statements below true? complete with $<$, $=$, or $>$.

$0.5 \quad \square \quad \frac{15}{100}$

$0.9 \quad \square \quad \frac{33}{100}$

$0.09 \quad \square \quad \frac{3}{100}$

$0.8 \quad \square \quad \frac{22}{100}$

$0.7 \quad \square \quad \frac{45}{100}$

$0.07 \quad \square \quad \frac{7}{100}$

$0.3 \quad \square \quad \frac{7}{100}$

$0.01 \quad \square \quad \frac{1}{100}$

$0.03 \quad \square \quad \frac{4}{100}$

$0.3 \quad \square \quad \frac{3}{10}$

$\frac{3}{5} \quad \square \quad 0.7$

$\frac{50}{100} \quad \square \quad \frac{5}{10}$

$\frac{22}{25} \quad \square \quad 0.8$

$\frac{10}{1000} \quad \square \quad \frac{11}{10,000}$

$\frac{16}{1000} \quad \square \quad 0.015$

$0.25 \quad \square \quad \frac{1}{4}$

$0.9 \quad \square \quad \frac{3}{12}$

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Which sign makes the statements below true? complete with $<$, $=$, or $>$.

$$0.5 \quad > \quad \frac{15}{100}$$

Let's first of all convert $\frac{15}{100}$ to a decimal.

$$\frac{15}{100} = 0.15 \quad \text{Finally let's compare } 0.5 \text{ and } 0.15. \quad 0.5 > 0.15.$$

So, the $>$ sign makes the statement true since 0.5 is greater than 0.15.

$$0.3 \quad = \quad \frac{3}{10}$$

$$\frac{3}{5} \quad < \quad 0.7$$

$$\frac{50}{100} \quad = \quad \frac{5}{10}$$

$$\frac{22}{25} \quad > \quad 0.8$$

$$\frac{10}{1000} \quad > \quad \frac{11}{10,000}$$

$$\frac{16}{1000} \quad > \quad 0.015$$

$$0.25 \quad = \quad \frac{1}{4}$$

$$0.9 \quad > \quad \frac{3}{12}$$