

Name: Class:

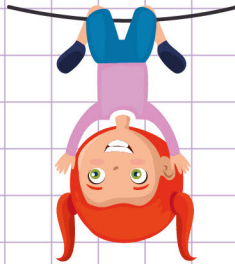
Compare decimals and fractions

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

0.5 $\frac{15}{100}$



0.3 $\frac{3}{10}$



$\frac{3}{5}$ 0.7

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

$\frac{22}{25}$ 0.8

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

$\frac{16}{1000}$ 0.015

0.25 $\frac{1}{4}$

0.9 $\frac{3}{12}$

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Compare decimals and fractions

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

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

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

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

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

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

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

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

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

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

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

