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## Finding Percents

★ To change a fraction to a percent, divide the numerator by the denominator. Multiply by 100 and round the answer if necessary. Add the % sign after the answer.

$$\frac{2}{3} = 3 \overline{)2.000} = 0.667 = 67\%$$

To change a percent to a fraction, use a denominator of 100 and reduce to lowest terms.

$$25\% = \frac{25}{100} \quad \frac{25}{100} \div \frac{25}{25} = \frac{1}{4}$$

To change a decimal to a percent, multiply by 100 by moving the decimal point two places to the right, and add the % sign after the answer.

$$0.554 = 55.4\%$$

To change a percent to a decimal, drop the % sign and divide by 100 by moving the decimal point two places to the left.

$$135\% = 1.35$$

$$52.44\% = 0.5244$$

Change these fractions and decimals to percents.

- |   |                  |                    |                   |                   |
|---|------------------|--------------------|-------------------|-------------------|
| 1 | 0.23 =           | $\frac{1}{3}$ =    | 0.62 =            | $\frac{3}{4}$ =   |
| 2 | $\frac{7}{8}$ =  | 1.10 =             | $\frac{13}{16}$ = | 1.35 =            |
| 3 | $\frac{8}{32}$ = | 0.56 =             | $\frac{15}{64}$ = | 10.72 =           |
| 4 | 0.03 =           | $\frac{7}{12}$ =   | 0.006 =           | $\frac{12}{36}$ = |
| 5 | 0.0037 =         | $\frac{17}{100}$ = | 1.001 =           | 10.01 =           |

Change these percents to decimals and fractions.

Percent	Decimal	Fraction
20%		
80%		
15%		
35%		
42%		