Add decimal numbers just as you add whole numbers. Just remember the decimal point.

0.09 0.06 0.05 0.03 +0.10

decimal points

0.13 0.05 2.43 3.32 +0.13 6.06

The decimal point stays put.

3		0	0	6
_	4	7	9	5

$$0.0396$$

 -0.0142

$$0.23965 - 0.07653$$

To express a decimal number as a fraction, use the number as the numerator and 10, 100, or 1000 as the denominator.

$$0.5 \leftarrow \underbrace{\text{tenths}}_{\text{One place to the right of the decimal point}} \xrightarrow{5}$$

$$0.55$$
 hundredths $\longrightarrow \frac{55}{100}$

$$0.555$$
 thousandths $\longrightarrow \frac{555}{1000}$

More examples:

Remember to express the fraction in lowest terms.

$$0.2 = \frac{2}{10} = \frac{1}{5}$$

$$0.66 = \frac{66}{100} = \frac{33}{50}$$

Express each decimal number as a fraction.

$$0.63 =$$

$$0.100 =$$

$$0.68 =$$

$$0.85 =$$

$$0.535 =$$

$$0.3 =$$

$$0.92 =$$

$$0.33 =$$

$$0.159 =$$

To express a percent as a fraction, follow these steps.

a Use the number as the numerator.

b Use 100 as the denominator because percent means per hundred.

© Express the fraction in lowest terms.

$$\frac{16}{100} = \frac{4}{25}$$

$$16\% = \frac{4}{25}$$

Express each percent as a fraction in lowest terms.