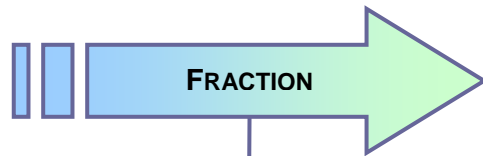
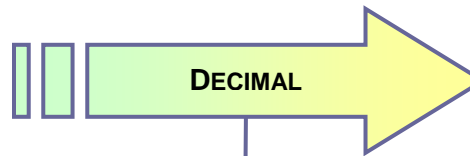


## CONVERTING FRACTIONS, DECIMALS AND PERCENTS



To change a **fraction** to a **decimal**, divide the numerator by the denominator.

$$\frac{3}{5} = 5 \overline{)3.0} = 0.6$$

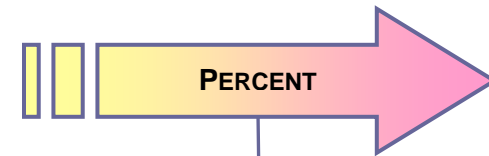


To change a **decimal** to a **percent**, multiply by 100%:

$$0.6 = 0.6 \cdot 100\% = 60\%$$

**Or**, move the decimal point 2 places to the right and add the percent sign.

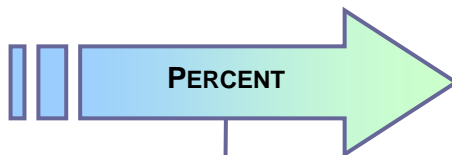
$$0.6 = 0.60\% = 60\%$$



To change a **fraction** to a **percent**,

- Change the **fraction** to a **decimal**.
- Change the **decimal** to a **percent**.

$$\frac{3}{5} = 0.6 = 60\%$$

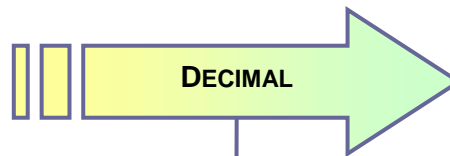


To change a **percent** to a **decimal**, drop the percent sign and multiply by 0.01:

$$1.2\% = 1.2 \cdot 0.01 = 0.012$$

**Or**, move the decimal point 2 places to the left.

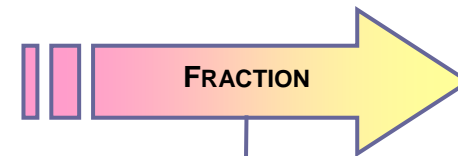
$$1.2\% = .012 = 0.012$$



To change a **decimal** to a **fraction**, count the number of decimal places

- Drop the decimal point then place the result over 1 followed by the same number of 0's as decimal places.
- Write the answer in lowest terms (reduce).

$$0.012 = \frac{12}{1000} = \frac{3}{250}$$



To change a **percent** to a **fraction**,

- Change the **percent** to a **decimal**.
- Change the **decimal** to a **fraction**.

$$1.2\% = 0.012 = \frac{12}{1000} = \frac{3}{250}$$

**or**

- Multiply the fraction by 1/100.