

## 4.2 Fractions, Decimals & Percents

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Can be used to represent numbers in various situations

# Percents can be written as fractions and as decimals

Ex. #1 Convert from %  $\rightarrow$  decimal

$$a) \frac{1}{2} \%$$

$$= 0.5 \%$$

$$= \frac{0.5}{100}$$

$$= \boxed{0.005}$$

$$b) 150 \%$$

$$= 150 \%$$

$$= \frac{150}{100}$$

$$= \boxed{1.5}$$

$$c) 42 \frac{3}{4} \%$$

$$= 42.75 \%$$

$$= \frac{42.75}{100}$$

$$= \boxed{0.4275}$$

Ex #2 Convert from decimal  $\rightarrow$  %

$$a) 0.42$$

$$= \frac{42}{100}$$

$$= \boxed{42 \%}$$

$$b) \frac{12}{25}$$

$$= 0.48 \times 100 \%$$

$$= 48 \%$$

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