

5-2 Fractions Decimals Percents

$$35\% \quad \frac{35}{100} \quad 0.35 \quad \frac{7}{20}$$

$$115\% \quad \frac{115}{100} = 1.15 \quad 1 \frac{15}{100} = 1 \frac{3}{20}$$

$$0.2 \quad \frac{2}{10} = \frac{1}{5} \quad \frac{2 \times 10}{10 \times 10} = \frac{20}{100}$$

$$0.20 \times 100$$

2 spaces to right = 20

To write a decimal as a % multiply by 100

$$0.25 = 25\% \quad 0.625 = 62.5\% = \frac{5}{8}$$

$$1.66 = 166\%$$

$$\frac{3}{8} = \frac{37.5}{100} \quad 37.5\%$$
$$8 \overline{) 3.000} = 37.5\%$$

$$\frac{2}{3} = \frac{66.\overline{6}}{100} \quad 66.\overline{6} \%$$

$$2(100) = 200 \div 3 = 66.\overline{6}$$

$$3 \overline{) 0.666} = 66.\overline{6} \%$$

$$24.) \quad 84.2\% \quad 0.842$$

To write a percent as a decimal divide by 100

← • 2 spaces
decimal moves 2 spaces left
divide by 100

28. 0.12% 0.0012

$0.\underline{001}2 \times 10^{-3}$ scientific notation