

Corner Brook Intermediate  
Math 7  
Unit 3: Fractions, Decimals and Percents

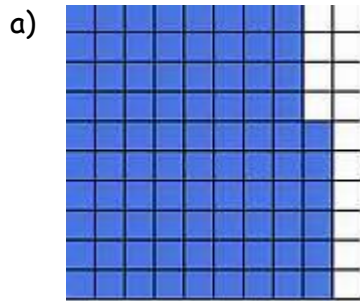
**Relating Fractions, Decimals and Percents**

Name: \_\_\_\_\_

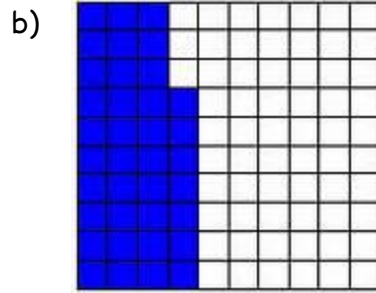
Percent means per hundredth

Example (1): What percent of each hundredth chart is shaded?

Write each percent as a fraction and as a decimal.



$$\frac{86}{100} = 0.86 = 86\%$$



$$\frac{37}{100} = 0.37 = 37\%$$

Example (2): Write each percent as a fraction and as a decimal.

Percent → Decimal

move the decimal two place left.

a)  $75\% = 0.75 = \frac{75}{100}$

b)  $9\% = 0.09 = \frac{9}{100}$

Example (3): Write each fraction as a percent and as a decimal.

Decimal  $\rightarrow$  Percent      move decimal two places right.

$$a) \frac{2}{5} \times \frac{2}{2} = \frac{4}{10} = 0.40 = 40\%$$

$$b) \frac{7}{20} \times \frac{5}{5} = \frac{35}{100} = 0.35 = 35\%$$

Example (4): Write each percent as a fraction and a decimal.

Sketch a number line to show how the numbers are related.

