

- 1) In a box of chocolates, the ratio of plain chocolates to milk chocolates is 2 : 5.
 - a) What fraction of the chocolates are plain ones?
 - b) What fraction of the chocolates are milk ones?

- 2) If the ratio of $x : y$ is 3 : 7, which of the following statements are correct?
 - a) x is $\frac{3}{7}$ of $(x + y)$
 - b) x is $\frac{3}{10}$ of $(x + y)$
 - c) y is $\frac{7}{10}$ of x
 - d) y is $\frac{7}{10}$ of $(x + y)$

- 3) Pounds can be converted to kilograms using the ratio 11 : 5.
 - a) Use the squares, below, to draw a conversion graph to illustrate this.
 - b) Convert 24 pounds to kilograms.
 - c) Convert 14 kilograms to pounds.

