

Worksheet 2015-8EG-00001(1)

(1) Divide 120 in the ratio 2 : 3.

(2) Determine the ratio of each of the following in simplest form:

(a) 55c and R2,20

(b) 14 km and 84 km

(3) If 3 kg cheese cost R162,75, calculate the price of:

(a) 1 kg cheese

(b) 5 kg cheese

(4) Reduce 75 with 20%.

(5) Jan's salary increases annually with 8%. If he currently earns a salary of R140 000 per year, calculate Jan's annual salary in two years' time.

(6) Calculate 75% of R3 450 124.

(7) Determine x if each of the following ratios are in the same proportion:

(a) $\frac{x}{5} = \frac{3}{5}$

(b) $\frac{3}{x} = \frac{3}{7}$

(c) $\frac{x}{2} = \frac{3}{4}$

(d) $\frac{2}{3} = \frac{x}{2}$
