

Exercise 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) $\frac{2}{3} = \frac{x}{2}$