

1. Write the following standard ratios in fraction form (2 marks)

(a) $5 : 12$

(b) $34 : 57$

2. Write the following fraction ratios in standard form. (2 marks)

(a) $\frac{3}{8}$

(b) $\frac{13}{7}$

3. Determine the missing value in the following proportions (4 marks)

(a) $5 : 6 = 15 : n$

(b) $3 : 4 = 21 : n$

(c) $n : 8 = 18 : 24$

(d) $6.6 : n = 13.2 : 20.8$

4. Determine the missing value in the following proportions (4 marks)

(a) $\frac{4}{5} = \frac{n}{40}$

(b) $\frac{n}{7} = \frac{54}{42}$

(c) $\frac{12}{7} = \frac{48}{n}$

5. A used car store has a ratio of 12 cars to 15 trucks; if the entire inventory of the used car store has the **same** ratio of cars to trucks, how many trucks are in their parking lot if they have 216 cars? (3 marks)