

Lesson 4 (1) Proportion (Work Sheet)

Part 1 Review

Work out the value of the following ratios

$12 : 16 =$

$6 : 10 =$

$2.7 : 4.5 =$

Notes:

(1) _____

(2) _____

Part 2 New Lesson

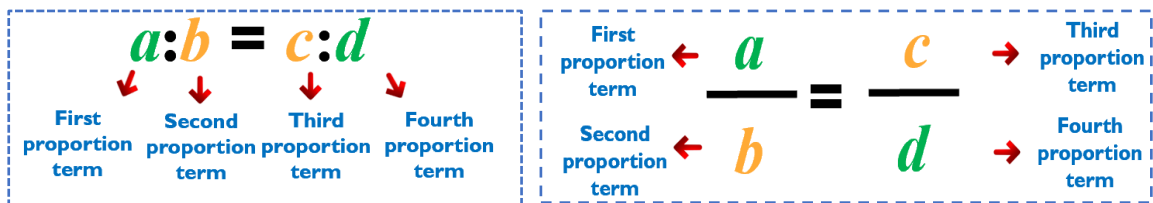
1. Considering a, b, c and d , If _____, then a, b, c and d are in proportion

(Two ratios are equal is a statement of proportion)

2. In the following pairs of ratios, There are in proportion or not ? Why?

$$3 : 10 \quad \text{and} \quad 9 : 25 \qquad \frac{1}{3} : \frac{1}{2} \quad \text{and} \quad 12 : 18$$

3. Order of items and two different expressions



4. Fill in the brackets to make the following formula proportional

$(1) \frac{2}{3} = \frac{(\quad)}{(\quad)}$

$(2) \frac{4}{(\quad)} = \frac{15}{(\quad)}$

$(3) \frac{4}{(\quad)} = \frac{(\quad)}{15}$

$(4) \frac{2}{(\quad)} = \frac{(\quad)}{(\quad)}$

$(5) \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$