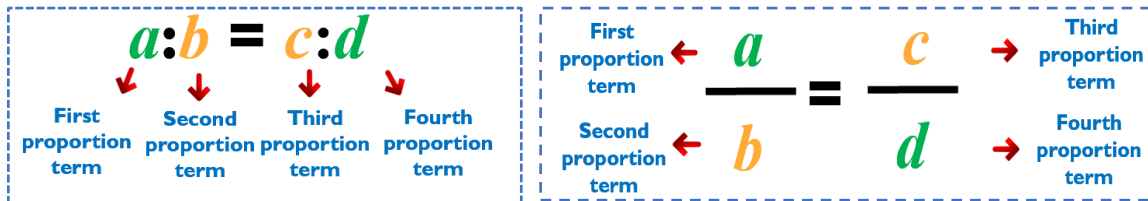


## Lesson 4 (2) Proportion (Work Sheet)

### Part 1 Review

Considering  $a, b, c$  and  $d$ , if \_\_\_\_\_, then  $a, b, c$  and  $d$  are in proportion



### Part 2 New Lesson

Proportion	Product of outside items	Product of inside items
$6 : 10 = 9 : 15$		
$\frac{1}{3} : \frac{1}{2} = 12 : 18$		
$5 : 6 = 6 : 7.2$		

what conclusion can you make?

The basic properties of proportion is:

**Exercise 1:** Work out the value of  $x$  in each equation

(1)  $x : 1.5 = 2 : 5$                       (2)  $\frac{69}{x} = \frac{23}{40}$

**Summary:**

$\frac{a}{b} = \frac{c}{d}$	Swap inside items	
	Swap outside items	
	Swap both inside items and outside items	

**Exercise 2:** Find the proportion with four numbers 1.5, 4, 4.5, 12.