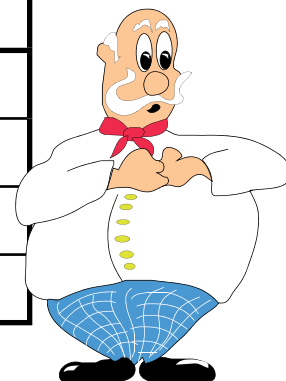


Problem Ratios 1



- 1). Chef is making some scones. Write the missing quantities in the table below.

	Flour	Sugar	Butter	Milk
10 scones	220 g			
20 scones		50 g		
25 scones				360 ml
70 scones			420 g	



- 2). Write three equivalent ratios for each of the following:

4 : 3 : :

7 : 8 : :

2 : 1.5 : :

$\frac{1}{2}$: 3 : :

- 3). Two numbers are in the ratio **5 : 3**. One of the numbers is **15**.

There are two possible numbers for the other number.

What are the two possible numbers?

and

- 4). Two numbers are in the ratio **2 : 3**. One of the numbers is **0.6**.

There are two possible numbers for the other number.

What are the two possible numbers?

and

- 5). Fill in the missing ratio in this sequence of ratios.

2 : 5

4 : 10

:

8 : 20

:

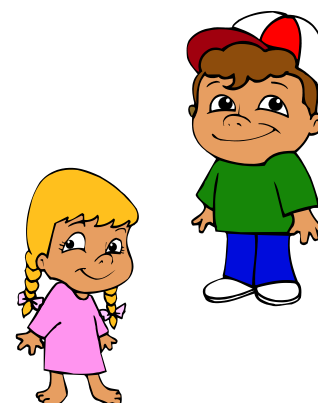
Explain how you found the missing ratios.

What is the rule for the sequence of ratios?

- 6). Today Maya is **9** years old and Peter is **15** years old.

Complete the table, leaving the ratios in their simplest form.

	Maya's age	Peter's age	Ratio of Maya's age : Peter's age
Last year			
Today	9	15	
Next year			
In 2 years			
In 3 years			



How old will Maya be when the ratio of Maya's age to Peter's age is **3 : 4**?