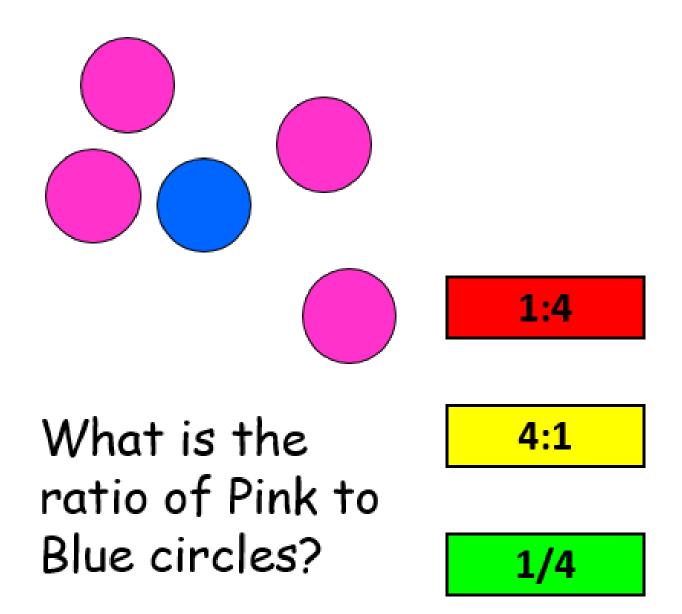
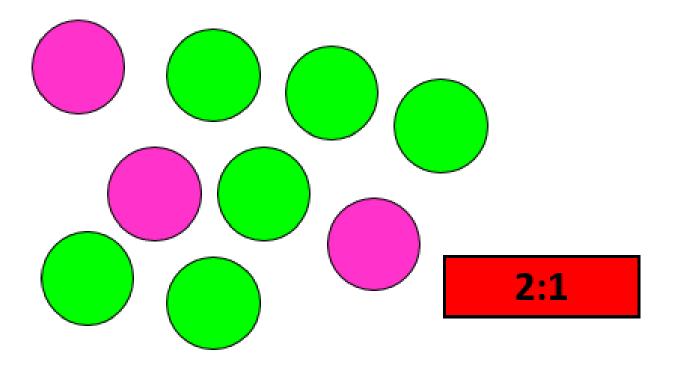
<u>Lesson 4- Ratio</u>

What do you need?

Pen, Paper and a calculator! ③

Blue Zone	Green Zone	Yellow Zone Image: Constraint of the second starting to lose control	Red Zone Frank Stop! Out of control
E.g. sad, sick, tired,	E.g. happy, calm,	E.g. worried, excited,	E.g. angry, terrified,
bored	focused, ok	annoyed	elated

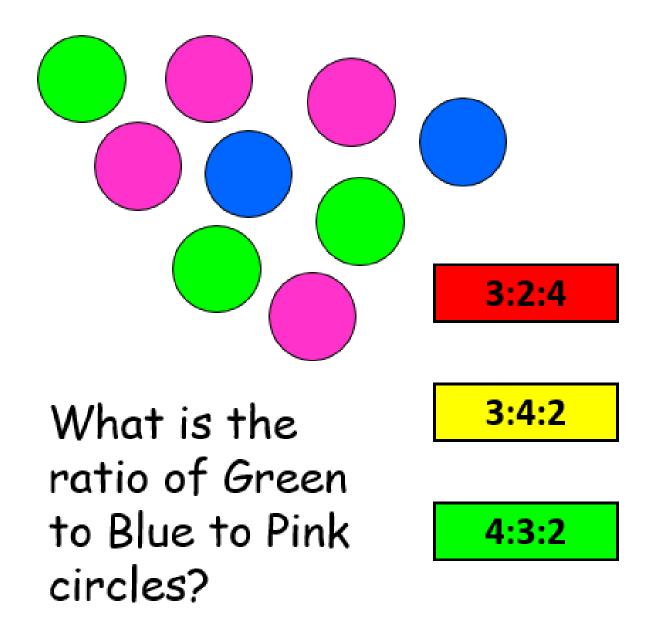


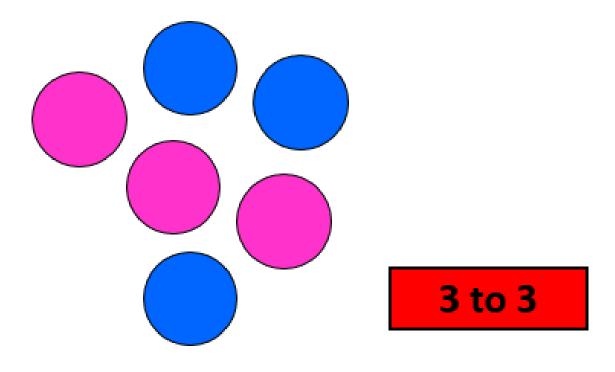


What is the ratio of Green to Pink circles?



3:6





What is the ratio of Blue to Pink circles?



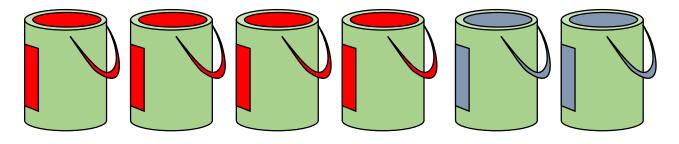


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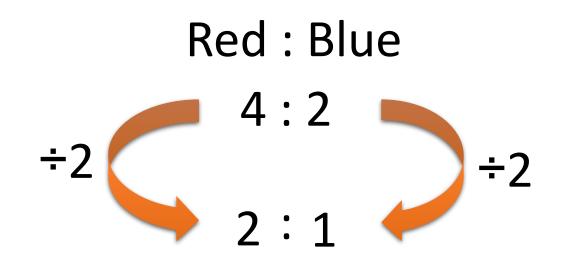


Visual Example 1:

Ben the painter needs 6 litres of dark purple, he uses 4 litres of red paint and 2 litres of blue paint.



Write the ratio of the number of red tins to the number of blue tins in its simplest form.

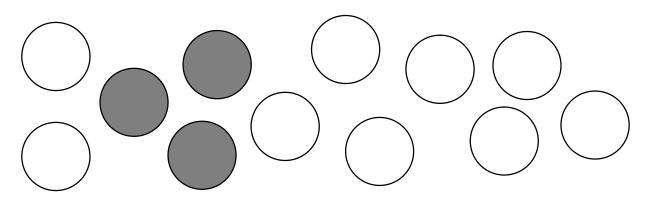


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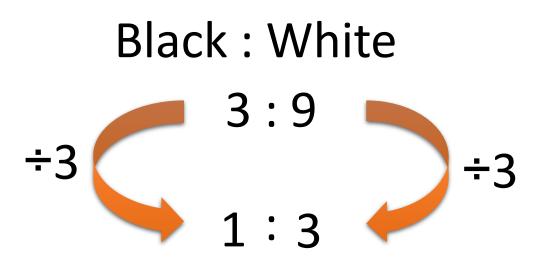


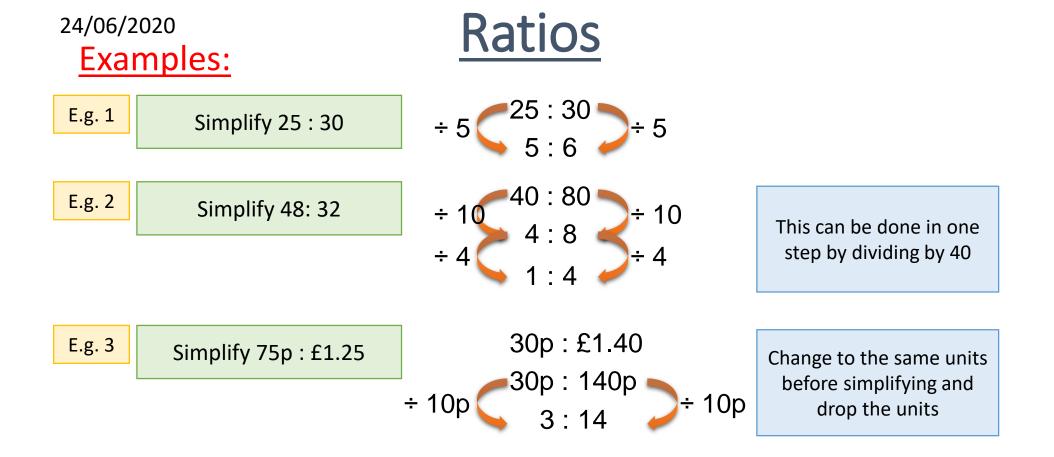
Visual Example 2:

Sarah has a number of white and black counters in a bag..



Write the ratio of the number of black counters to the number of white counters in its simplest form.







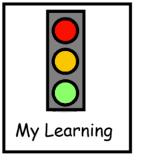


1	Si								
а	6:21 b	18 : 20	c 80 : 2	130 d	15 : 35	е	8 : 14 : 20		
	2:7	9:10	8:1	13	3:7		4:7:10		
2	Simplify the following expressions by converting the units								
а	4cm : 20mm	b 60cm	n : 2m	c 3ł	g : 1000g	d	1hrs : 20 mins		
	4:2	3	: 10		3:1		3:1		
3	80 men and 60 women are at a wedding. Write this as a ratio of men to								
	women in its simplest form. 4: 3								
4	A painter mixes 35L of red and 15L of blue paint to get Purple. Write this as								
	a ratio of red to bl	7:5							
5	A model of a plane is 30cm. The real plane is 1m. Write this as a ratio of								
	model to real life in its simplest form.								
6	A recipe contains 0.5 kg of sugar and 40g of butter. Write this as a ratio of								
	Butter to Sugar in its simplest form.								

Don't Forget!!!

There is work to check your understanding and help you practice on the school website!

You can do this on any piece of paper – just make sure you ask an adult at home to send me your answers so I can mark them ^(C)



Traffic light your work today.

Thumbs down- I don't understand it Thumbs across- I understand some of it Thumbs up- I understand all of it