

**Set:** Wednesday 28th February **Due in:** Tuesday 6<sup>th</sup> March

## Mrs Guy's group

**This week we have been revisiting ratio and proportion**

To support our learning this week, we would like the children to complete the following activities  
 Your child will also have a list of topics that they wish to revise using the Rising Stars revision guide. Our rock star times tables focus for next week will be the 6, 7 and 9 times tables.

**Q1.** Susan mixes red and blue paint to make purple. 2 parts of red paint with 3 parts of blue paint make purple. Susan has 50 ml of red and 100 ml of blue.

What is the maximum amount of purple she can make?



A large rectangular box for working. On the left side, there is a speech bubble containing the text: "Show your **working**. You may get a mark". An arrow points from the speech bubble towards the right. In the bottom right corner of the box, there is a smaller rectangular box labeled "ml".

2 marks

**Q2.** Children were asked to choose between a safari park and a zoo for the school trip.

They had a vote. The result was a ratio of 10:3 in favour of going to a safari park. 130 children voted in favour of going to the zoo?




A large rectangular box for working. On the left side, there is a speech bubble containing the text: "Show your **working**. You may get a mark". An arrow points from the speech bubble towards the right. In the bottom right corner of the box, there is a smaller rectangular box labeled "ml".

2 marks

**3.** In a class the ratio of boys to girls is 7:4

There are 9 more boys than girls. How many children are in the class?



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Q1. A recipe for fruit squash is

oranges (chopped)	300 g
lemonade	1500 ml
orange juice	750 ml
<b>makes enough for 6 people</b>	

Trina wants to make enough squash for 10 people.

How many millilitres of lemonade will she need?

Show your **working**.  
You may get a mark

ml

2 marks

Brian is using 2 litres of orange juice and follows the same recipe.

How many people is this enough for?

Show your **working**.  
You may get a mark

2 marks