

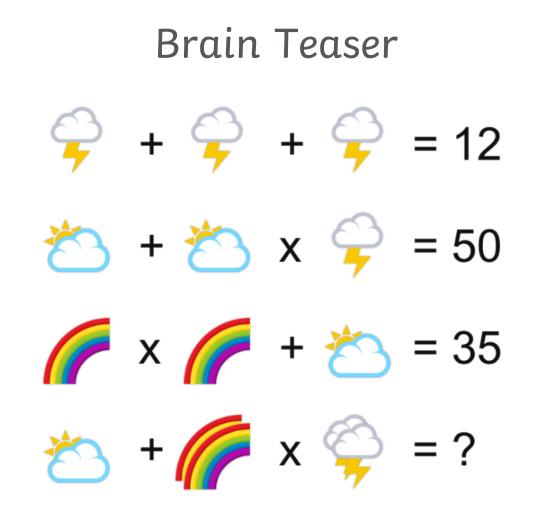
LO: Ratio and Proportion problems

<u>Please note: this link only works on either pdf or the link above this powerpoint.</u>

<u>The video lesson is available here – It is an older lesson so you need to go to week 2</u> (*not summer term week 2*) and lesson 2







## Teaching Example:

## Question:



This recipe for soup serves 4 people.

How much of each ingredient would I need for 8 people?

## Part 2:

l onion			l onion				
l person							

If I onion serves 4 people, then  $(\overline{2})$  onions would serve 8 people.

If we understand the ratio of onions, or carrots to people we can apply it to different amounts. See the examples below.



l onion	Ч people	Part 4:	3 carrots	Ч people 📉
2 onions	8 people		6 carrots	8 people
[3]onions	l2 people		[9]carrots	l2 people
4 onions	1 <u>6</u> people		18 carrots	24 people



2:

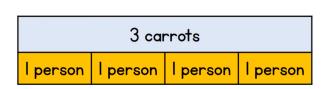


How much of each

ingredient would I need for | person?

$\frac{1}{4}$ onion	$\frac{1}{4}$ onion	$\frac{1}{4}$ onion	$\frac{1}{4}$ onion	
l person	lperson	lperson	lperson	

How much onion is needed for one person?



How much carrot is needed for one person?

3:

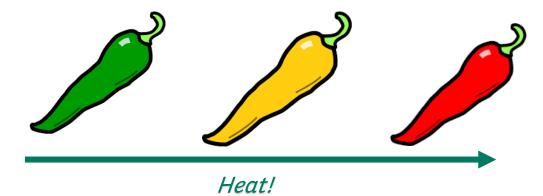
a) How much cheese would I need for 1 person?

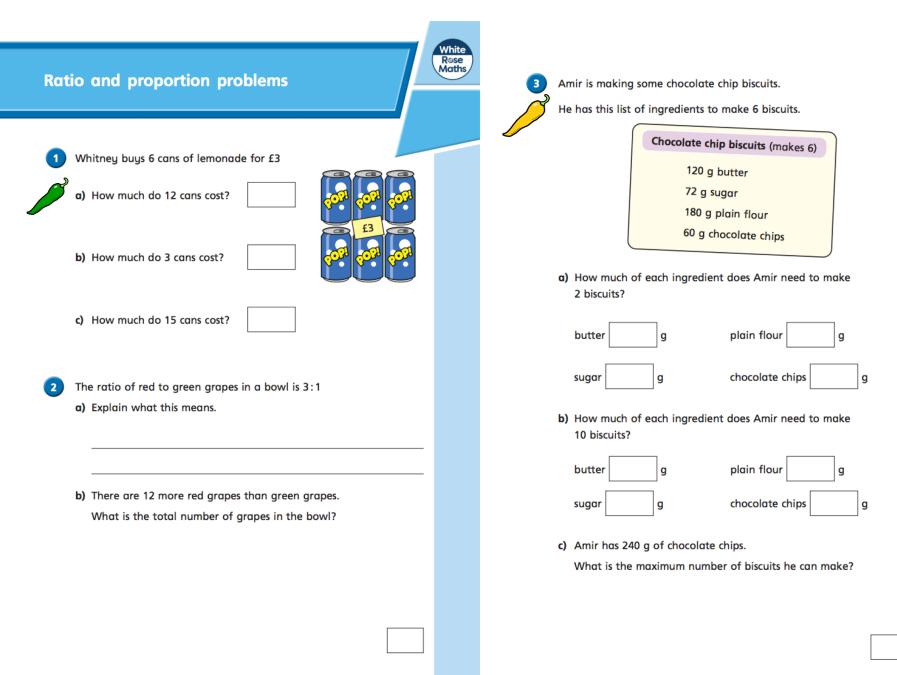
b) How much water would I need for 1 person?

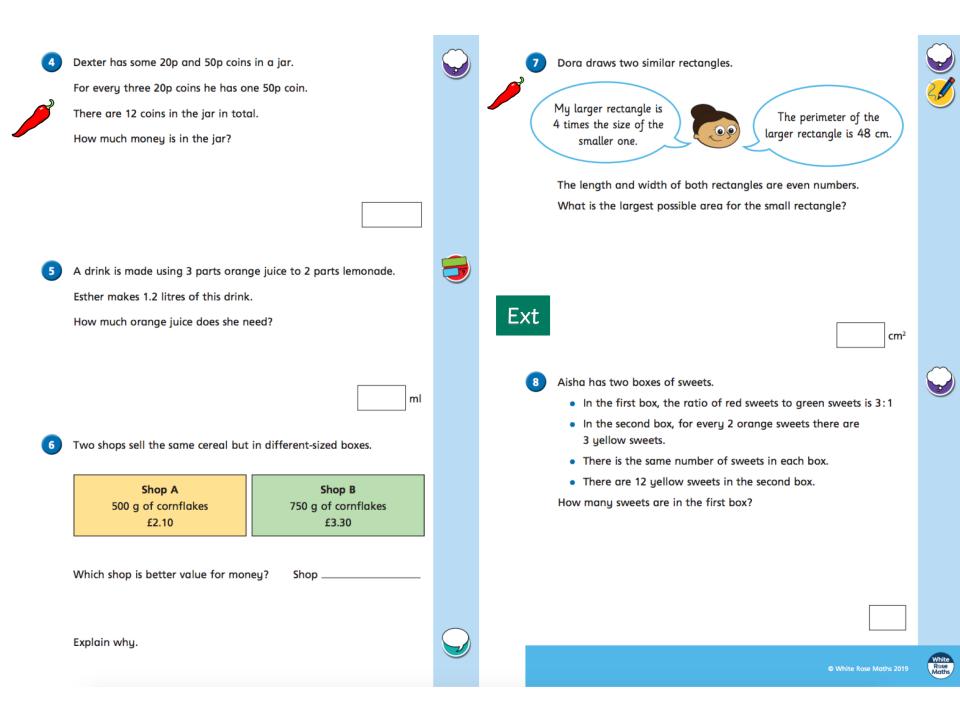




The independent work continues on the next two slides. There are 6 questions and 1 extension (Español - siete preguntas y una extensión).



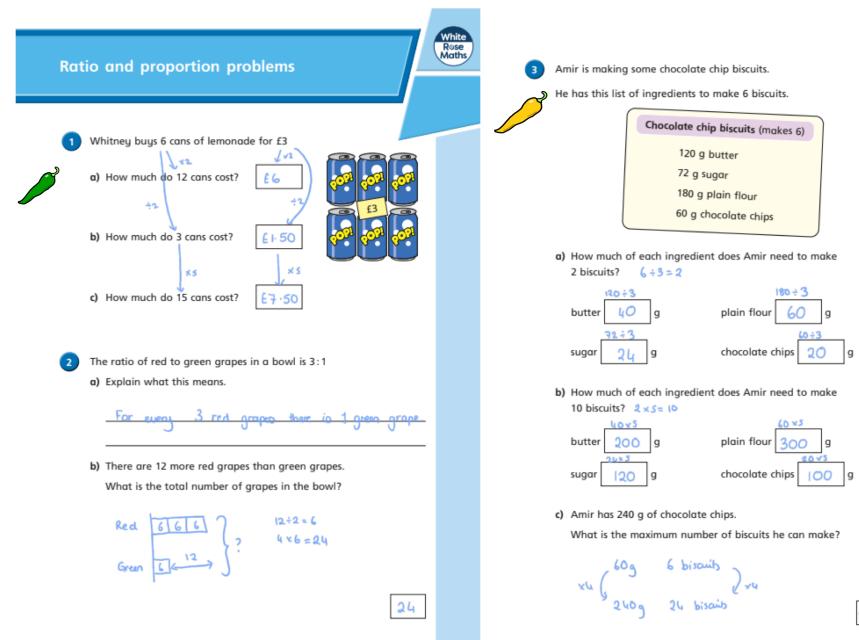








The next two slides contain the answers should you wish to check you work and reflect on what you understand.



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