

WEEK 14 - MATHS





Lesson I:

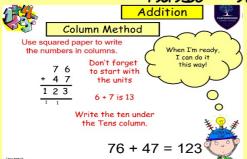
We are showing the elves how to use our written methods of calculation.

Father Christmas is trying to teach his elves written methods of calculation.

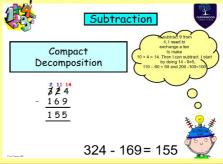
He needs a fantastic example of addition, subtraction, multiplication and division to help them along.

- 1. Choose the level of question to answer.
- 2. Answer in your book, then check your answer is correct.
- 3. CHOOSE ONE EXAMPLE OF EACH CALCULATION and write your written method up as clearly and neatly as possible in the correct section on the paper provided.

First - we need to practice.



- 1) 589+113
- 2)675+382
- 3) 456+123
- 4) 151+239
- 1) 2568+6541
- 2) 5438+4597
- 3) 6213+7513
- 4)12 365+6245



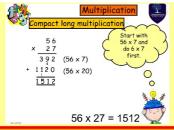
- 1) 624 2) 387-257 -156 3) 442-122 4) 655-235
- 1) 582-113
- 2)675-387
- 3) 456+173
- 4) 951+259

1)8452 - 1821

2)7005-2883

3)4012-2299

4)7856-3214



- 1) 25 x 12
- $2) 42 \times 23$
- 3)  $156 \times 4$
- 4) 234 x 5
- 1) 125 x 24
- 2) 406 x 22
- 3) 714 x 13
- <u>4) 469 x 21</u>
- 1) 125 x 45
- 2) 846 x 56
- 3) 812 x 98
- 4) 507 x 34

# Plenary

Self Evaluation

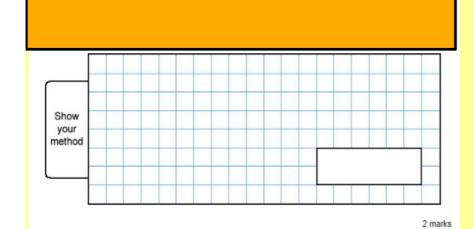
Pop a star by the calculation that you would like to focus on improving next year - 2021!

### Lesson 2: WALT solve multi-step problems

At the start of December, there were 543 toy cars in Santa's workshop.

During December,

- 217 more cars were made
- 622 toy cars were given as presents.

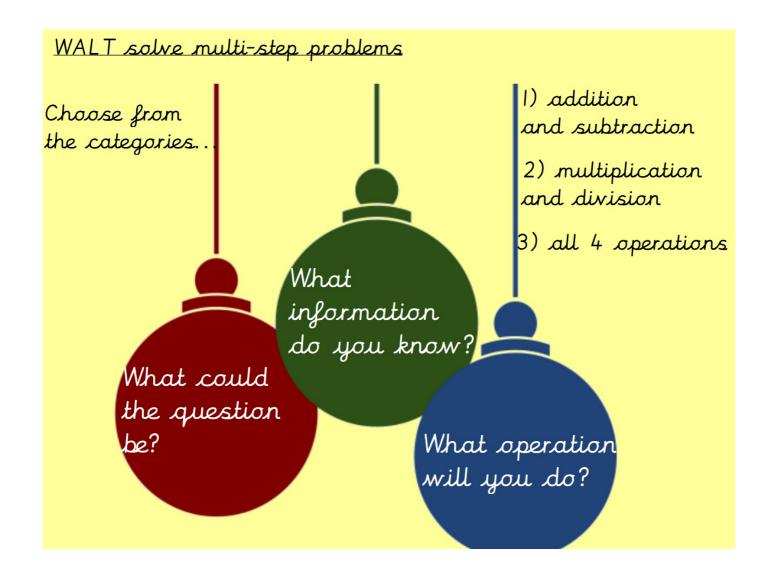


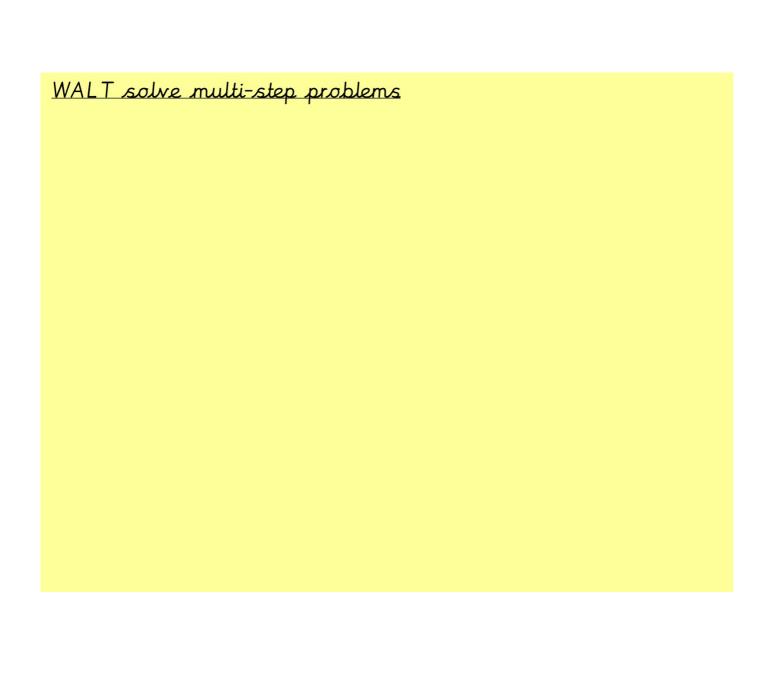
What could the question be?

What information do you know.

What do we need to do?

- 1)
- 2)

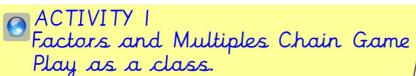




# Christmas Activities - Lesson s3, 4 and 5



- 1) Factors and multiples
- 2) Number bonds/fact families





What's the longest chain you can make?

Play with a partner

une	Rules	actors and M	
	* You	need 2 different coloured pencils and the olours in a number less than 50. as to colour in a number which	ltiples
- 1	· Plauer 1	need 2 different c-1	Game
	· Player 2		
	· Player 1	as to colour in a -	100 square below.  For or a multiple of the first number.  tor or a multiple of the number player
	2 coloured in	w has to colour which is a f	SetOW.
	· Play continue	a number which is	or or a multiple
		es until one player	tor or a multiple of the first number
	11/2	n.  es until one player cannot go!	tiple of the number pl-
	1	3 4 5	player
-	11   12	13/6/	7 0
	12	13   1,	18101
/	21 22	13 16	1 101
/	21 22	23 21	1 18 1 10 1
	31 32	25   26   2-	1201
<b> </b>	31   32	33 / 21	
/ /	41	35   36	1   30
	41 42 2	43 14	38 39 40
<b> </b>		14   45   11	39   40
	51   52   5	3   5,	48 49 50
. /		134   55	149   50

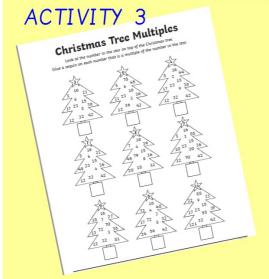
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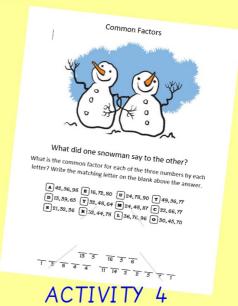


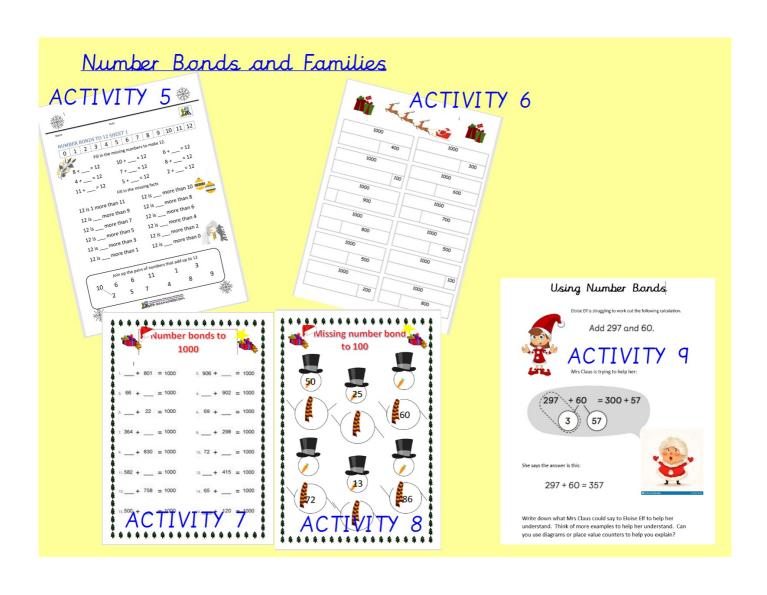


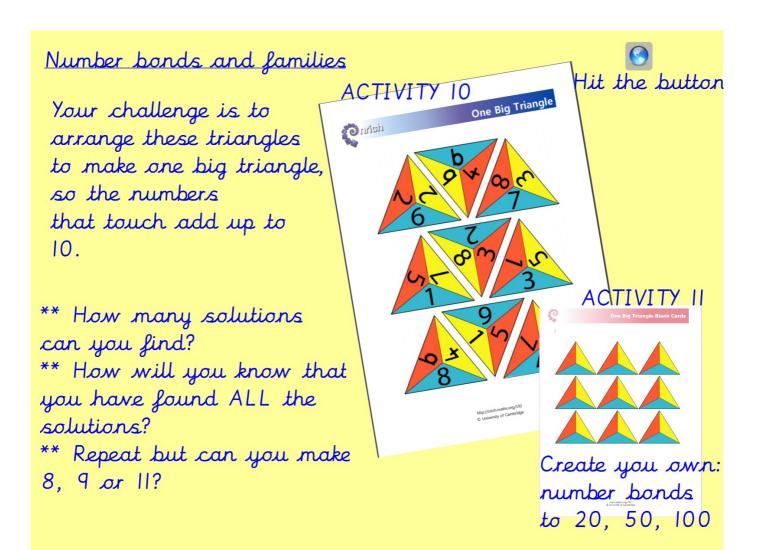


Factors and Multiples



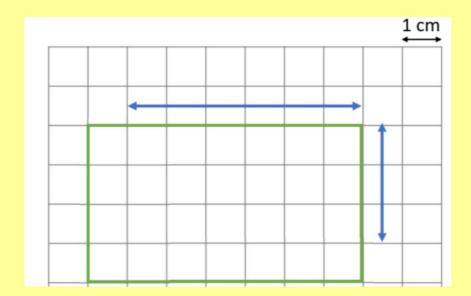




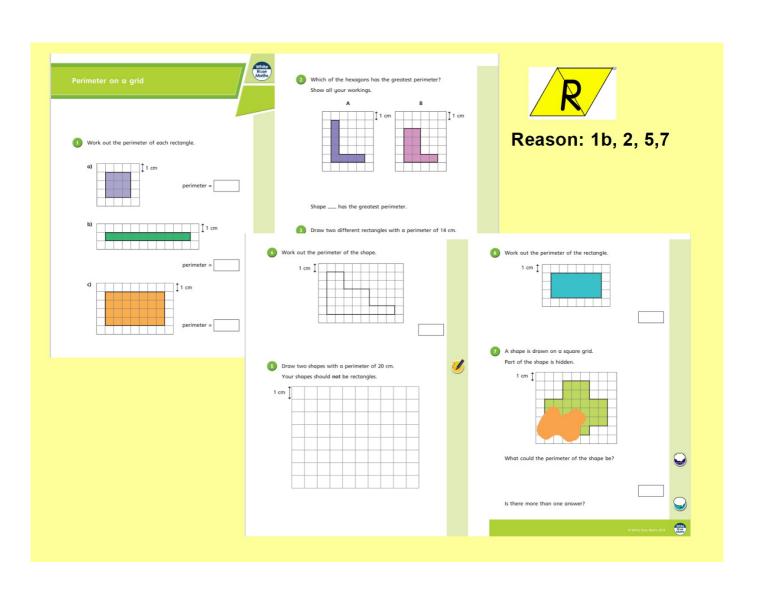


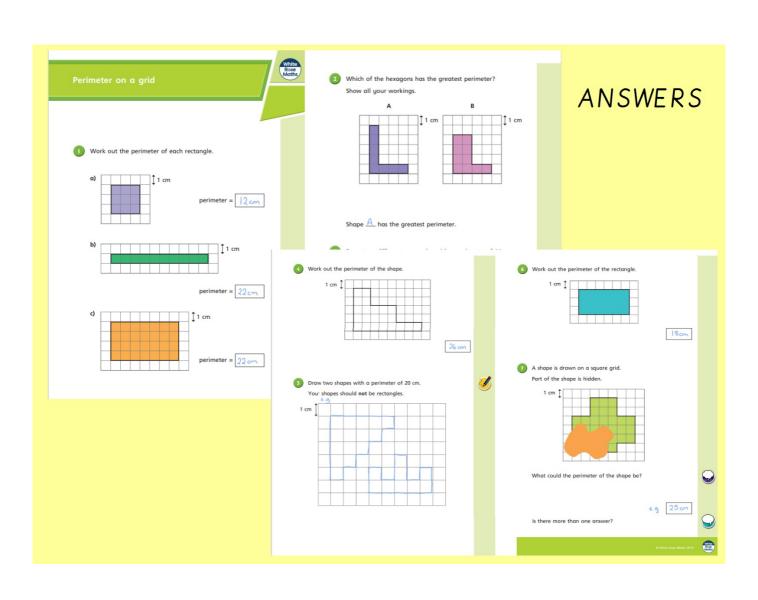


# Calculate the perimeter.

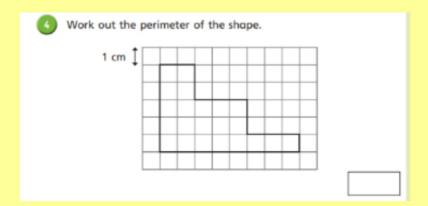


YOU DO



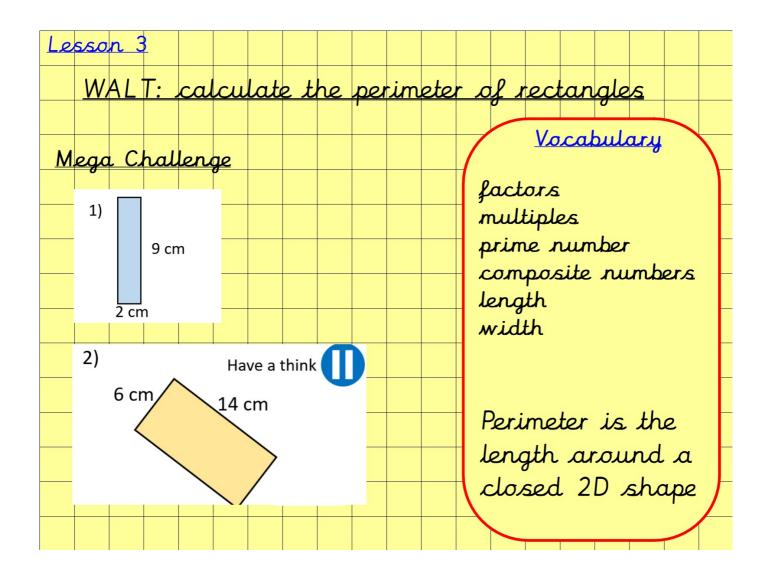


# Plenary

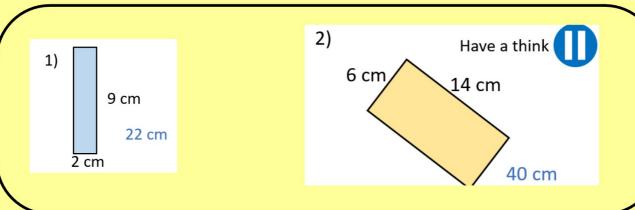


How do you work it out?





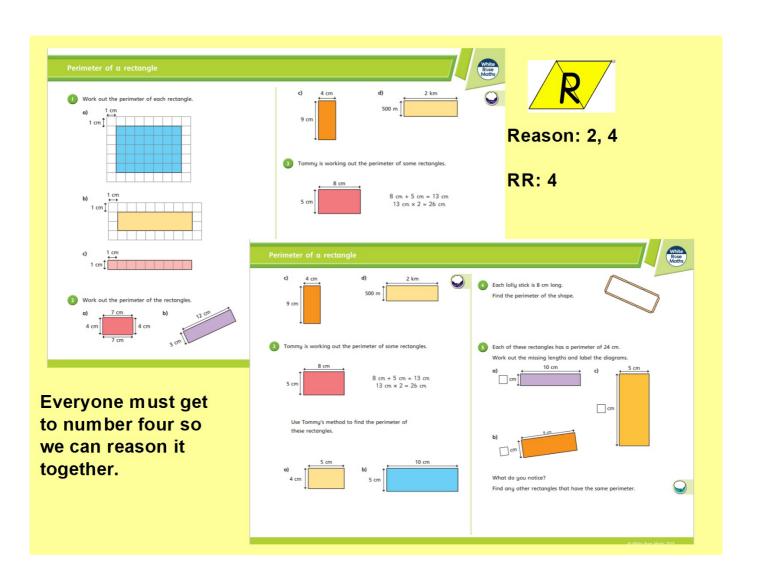
### WALT: calculate the perimeter of rectangles

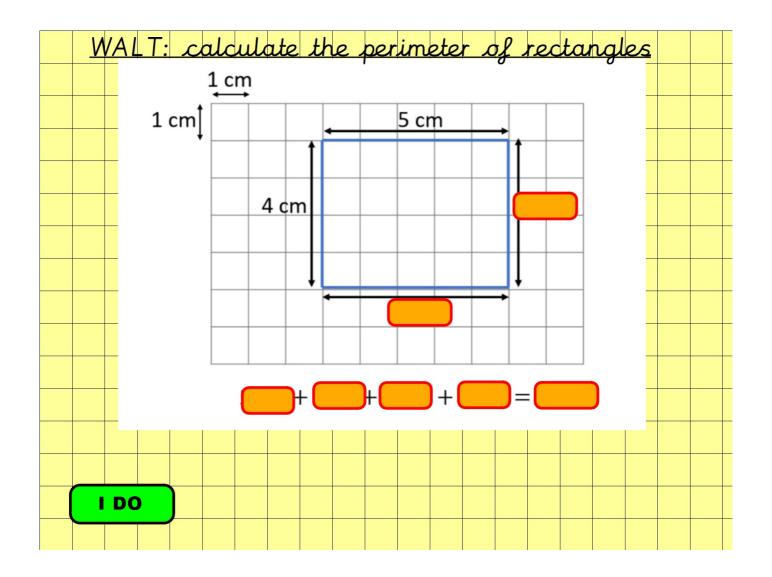


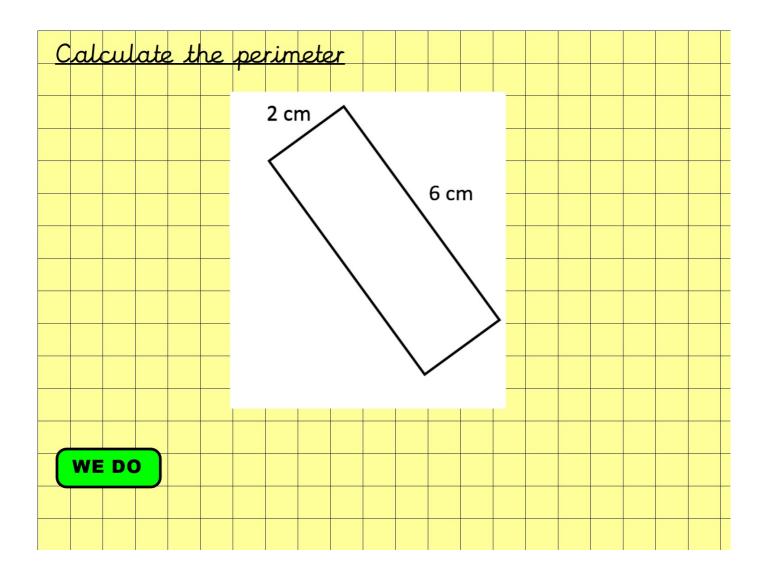
If you correctly answered <u>all</u> of the mega challenge question, move on to the class questions.

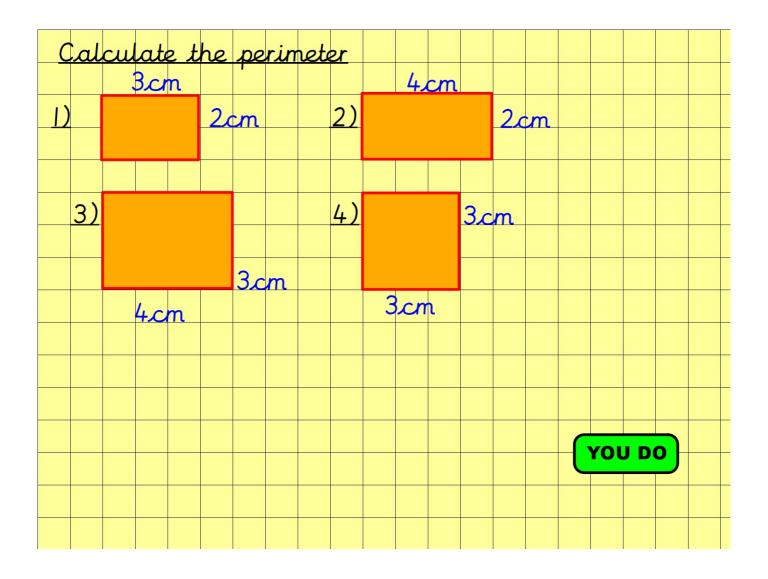
If you did not answer <u>all</u> the mega challenge correctly, stay with me to learn more.

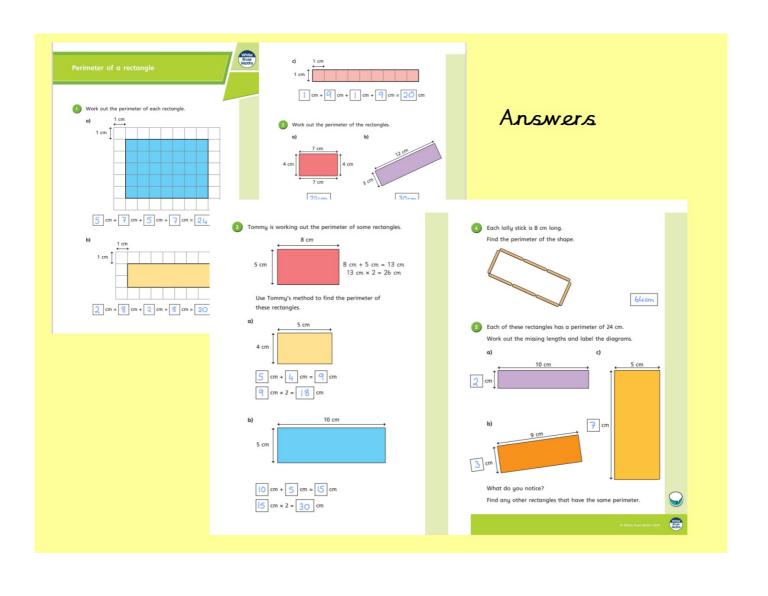
Class questions - see next slide!
REASON AND PEER MARK FOR EVERY QUESTION!





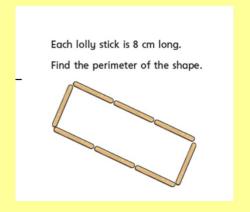






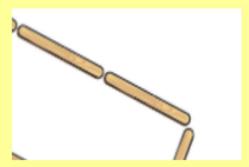
### Year 5 radical reasoning

Work it out:

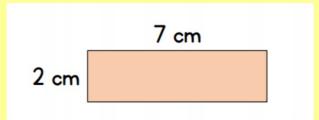


#### **Key Vocabulary:**

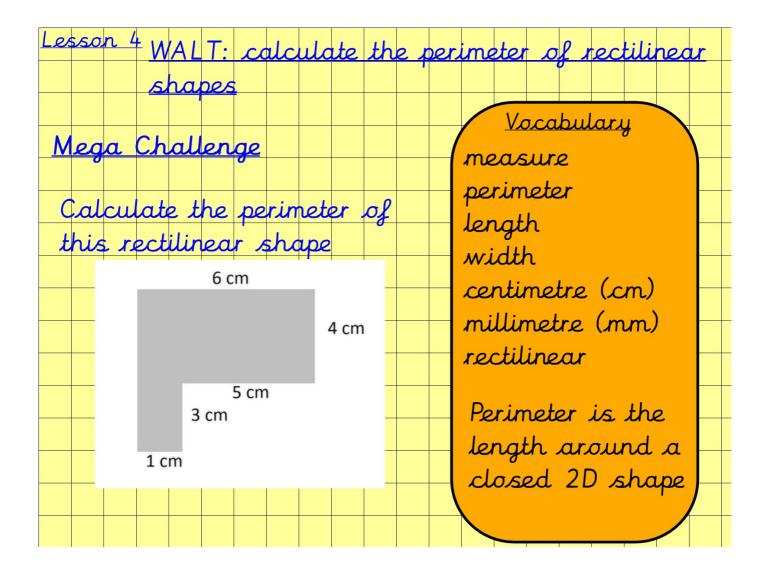
Explain: How did I do it and how did I know what to do?

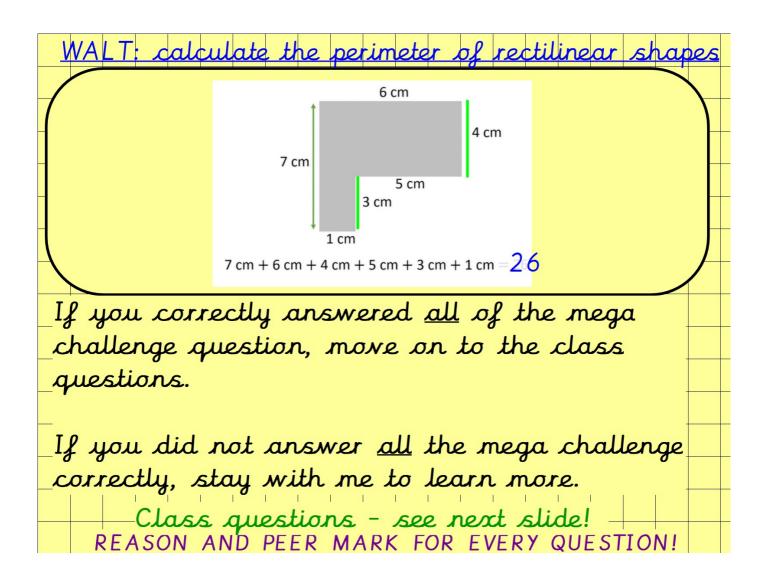


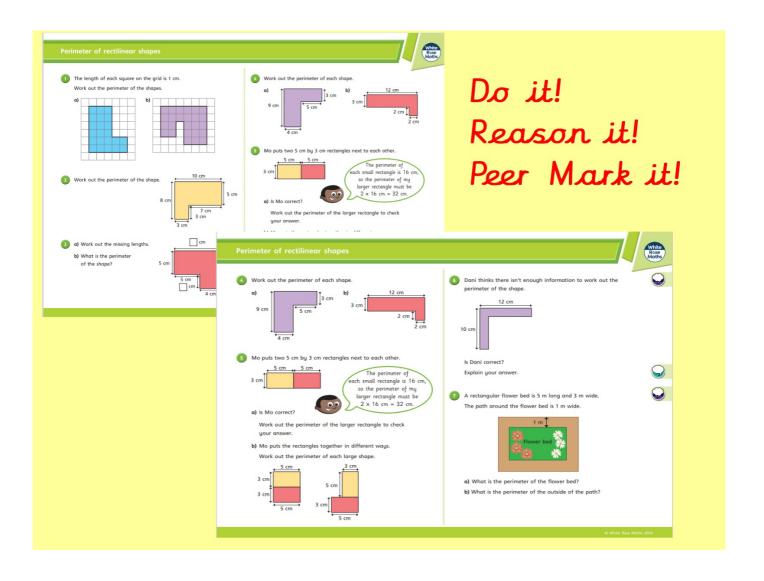
# Plenary

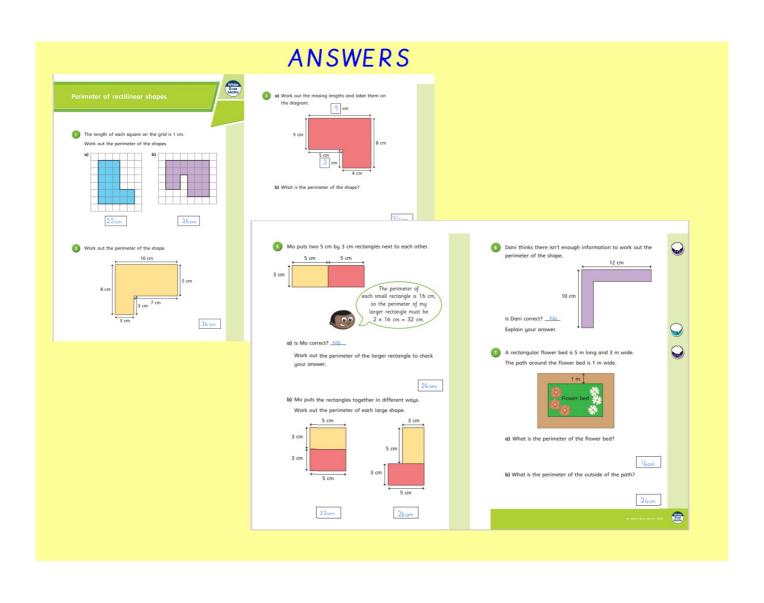


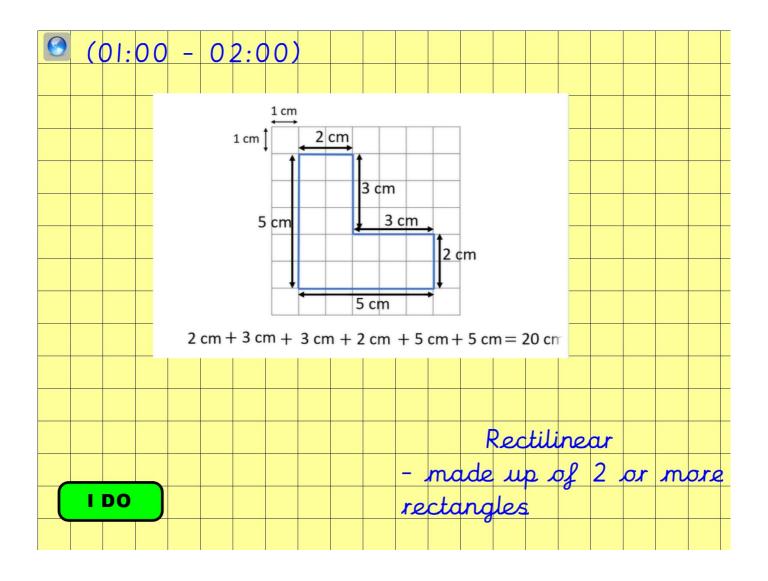
Create instructions to calculate the perimeter.
Is there more that one way?

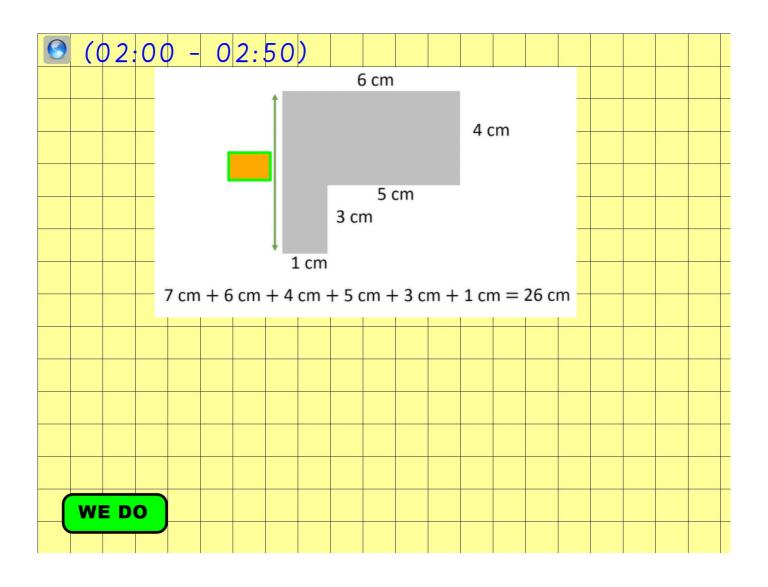


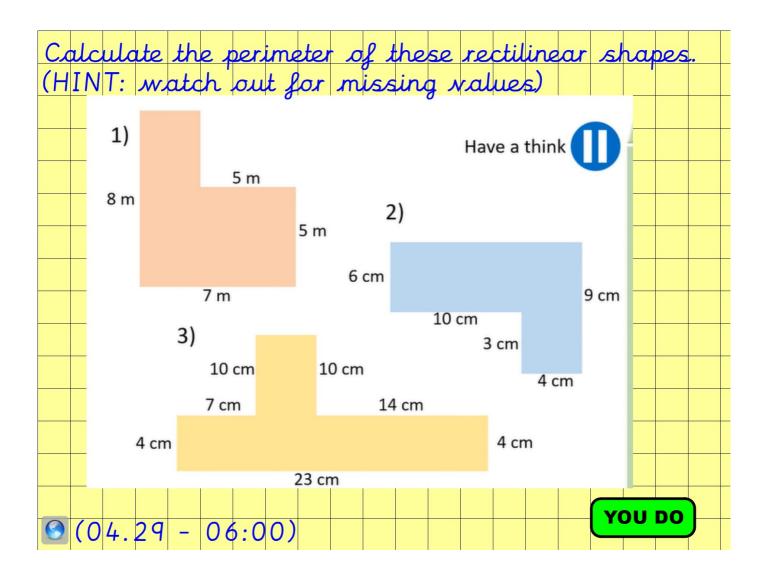




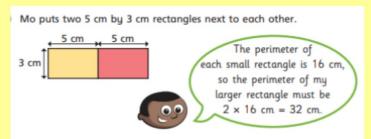






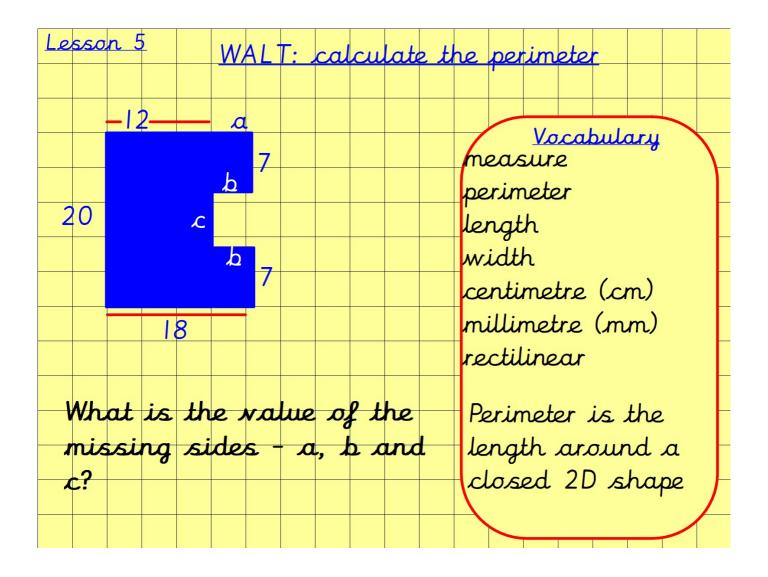


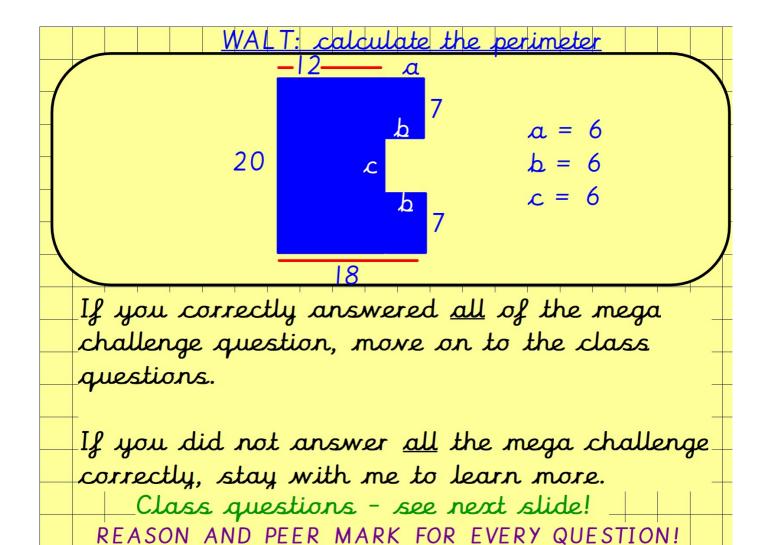
## Plenary

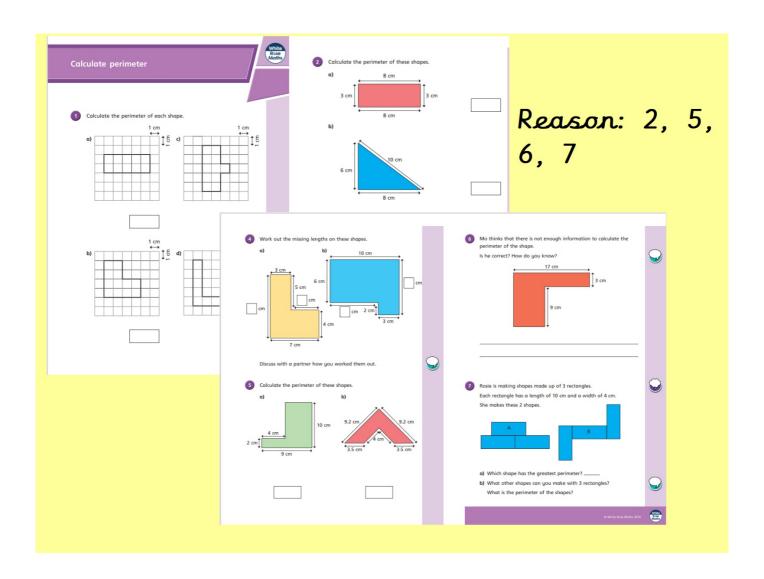


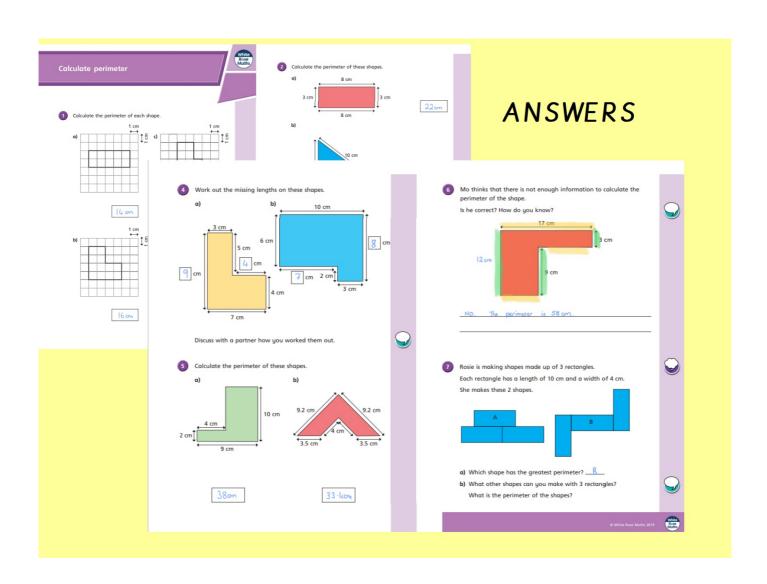
Mo is not correct. Why not?

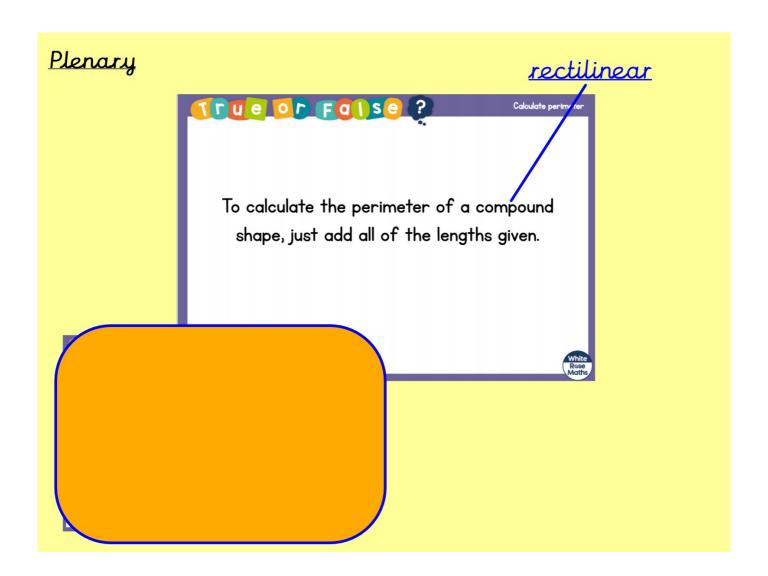








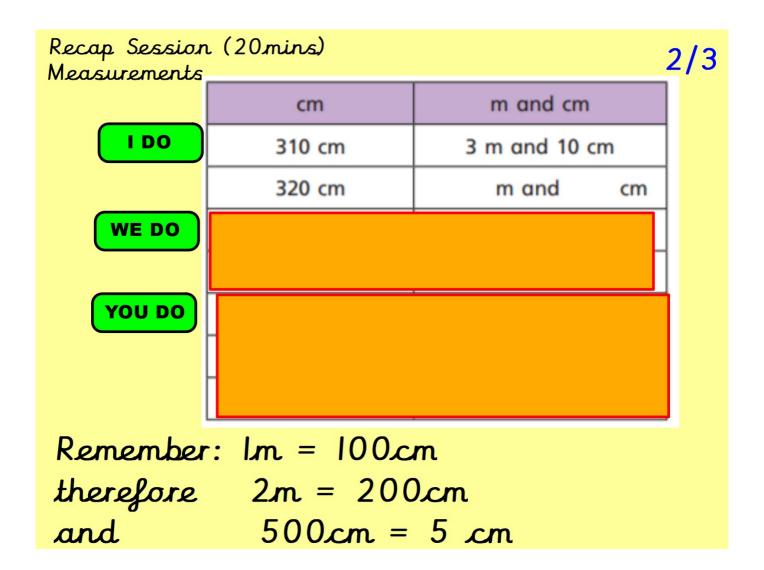


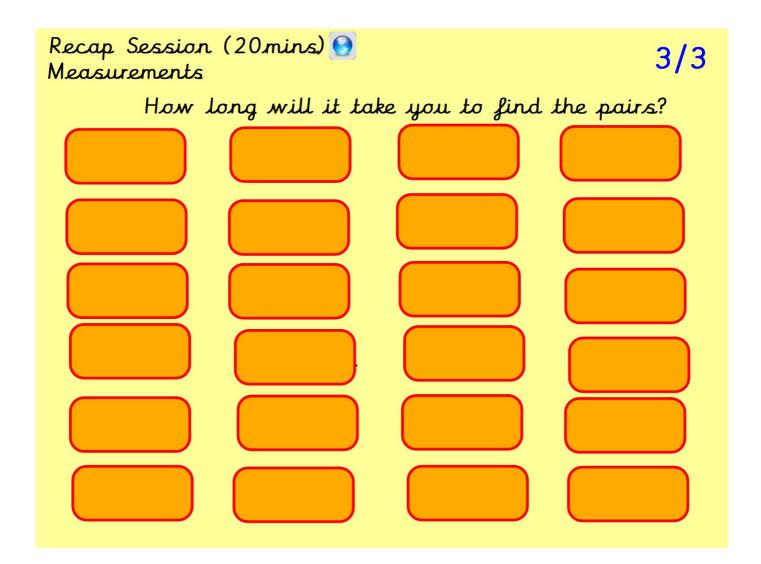


Recap Session (20mins) Measurement - cm, m

The key thing to remember with measurements is that:

lm = 100 cm





When using millimetres and centimetres to measure length, you need to know this:

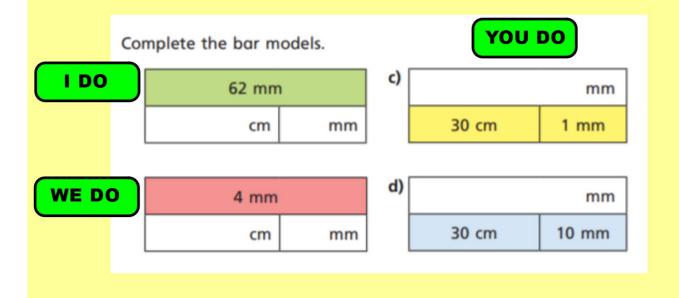
10mm = lcm

therefore 20mm = 2 cm

and 50cm = 5 mm

## Recap Session (20mins) Measurements - mm and cm

2/3



## Recap Session (20mins) Measurements

3/3

Match the mm and cm					
	200mm	21mm	20mm	112mm	10mm
	201mm	22mm	120mm	210mm	102mm
	20cm 1mm 11cm 2mm				
	21cm			10cm 2 mm	
	12cm			20cm	
	2cm			2cm 1mm	
	1	cm		2cm 2mm	