

We are going to start off today's lesson with a quick warm up. Choose one of the columns to do. Start from the top number then work your way down.



Do NOT use a calculator!

Nice and easy



35
÷ 5
x 9
+ 1
Half of it
Half of it
÷ 8
x 12
+ 1
x 3
Answer =



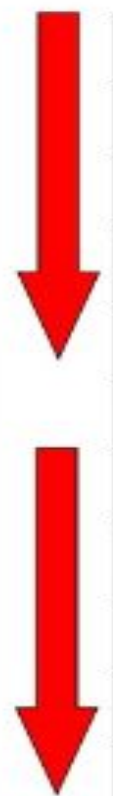
Bit more to it



144
1/3 of it
5/8 of it
Times it by itself
25 % of this
÷ 15
x 8
+ 1
8/11 of this
25 % of this
Answer =



Challenging



200
Less 15 %
Half of it
- 13
37 1/2 % of this
+ 9
5/6 of this
x 1 2/3
Plus 20 %
x 1 3/4
Answer =



For the main task we are going to continue to work from the Rising Stars site to understand percentages.

We have not done a lot of learning on percentages so you will need to take your time. If you have any questions let me know on Padlet.

REMEMBER if the task requires you to shade in large areas you can leave out the question or draw a quick diagram on paper.

Please let the video guide you when tackling the activity.

1. Copy or click on the link (press Ctrl then click) <https://whiterosemaths.com/homelearning/>

Then click Year 5

The screenshot shows the White Rose Maths Home Learning page. At the top, there is a 'Summer Term Plans' section with a 'Click here for more details' button. Below this is a 'Hello there, Parents and Carers!' message. The main content area features a grid of navigation buttons for 'Early Years', 'Year 1', 'Year 2', 'Year 3', 'Year 4', 'Year 5', 'Year 6', 'Year 7', 'Year 8', 'Year 9', 'Year 10', and 'By Topic'. A blue arrow points to the 'Year 5' button. To the right of the grid is a vertical sidebar menu with a 'Home Learning' header and a list of options: 'Summer Term', 'Easter Fun', 'Home Learning - Early Years', 'Home Learning - Year 1', 'Home Learning - Year 2', 'Home Learning - Year 3', 'Home Learning - Year 4', 'Home Learning - Year 5', 'Home Learning - Year 6', 'Home Learning - Year 7', 'Home Learning - Year 8', 'Home Learning - Year 9', and 'Home Learning - Year 10'.

## Click week 2 - Lesson 3

First, watch the video to support your learning.


Next click - Get the activity.

Lastly - use the 'Get the Answers' tab to check your work

Summer Term – Week 1 (w/c 20 April)	+
Week 2	+
Week 1	+

### Lesson 3 - Understand percentages


Jigsaw Plus  
EEF Trial  
International Support



Has 6% of the bar model been shaded? Discuss.

6 out of 10 pieces shaded =  $\frac{6}{10}$

$\frac{6}{10} = \frac{60}{100} = 60$  out of 100 = 60%.



05:34

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**Get the Activity**  
Lesson 3 - Y5 Spring Block 3 WO8 Understand percentages 2019

**Get the Answers**  
Y5 Spring Block 3 ANS8 Understand percentages 2019

Question 3 asks you to shade an amount. If you do not have squared paper to draw out the shape, please leave this question out.

Warm up answers -



Nice and easy

35
$35 \div 5 = 7$
$7 \times 9 = 63$
$63 + 1 = 64$
$64 \div 2 = 32$
$32 \div 2 = 16$
$16 \div 8 = 2$
$2 \times 12 = 24$
$24 + 1 = 25$
$25 \times 3 = 75$
Answer = 75



Bit more to it



144
$144 \div 3 = 48$
$(5/8) \times 48 = 30$
$30 \times 30 = 900$
$900 \div 4 = 225$
$225 \div 15 = 15$
$15 \times 8 = 120$
$120 + 1 = 121$
$(8/11) \times 121 = 88$
$88 \div 4 = 22$
Answer = 22

Challenging

200
$0.15 \times 200 = 30$ $200 - 30 = 170$
$170 \div 2 = 85$
$85 - 13 = 72$
$0.375 \times 72 = 27$
$27 + 9 = 36$
$(5/6) \times 36 = 30$
$30 \times 1 \frac{2}{3} = 30 + 20 = 50$
$0.2 \times 50 = 10 + 50 = 60$
$60 \times 1 \frac{3}{4} = 60 + 45 = 105$
Answer = 105



