



### Times table work out



This week see how quickly you can solve multiplication the questions:  
<https://www.timestables.co.uk/multiplication-tables-check/>  
You can also complete the **times table grid** that we have attached on the home learning page!

#### True or false?

When multiplying a two-digit number by 8 the product is odd.

Perform some calculations to prove your answer.

#### Calculations to practise

- |    |          |     |           |
|----|----------|-----|-----------|
| 1) | 24 x 8=  | 9)  | 124 x 8=  |
| 2) | 32 x 7=  | 10) | 122 x 6=  |
| 3) | 26 x 3 = | 11) | 125 x 5 = |
| 4) | 69 x 8=  | 12) | 122 x 8 = |
| 5) | 24 x 5=  | 13) | 128 x 7=  |
| 6) | 37 x 6=  | 14) | 256x4=    |
| 7) | 34 x 5=  | 15) | 310x5=    |
| 8) | 32 x 9=  |     |           |

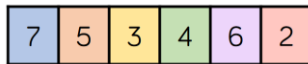
Remember to use the grid method or the expanded column method for your multiplication calculations.

**You can watch Miss May's demonstration on how to use written methods on our Year 4 home learning page!**



#### Investigation

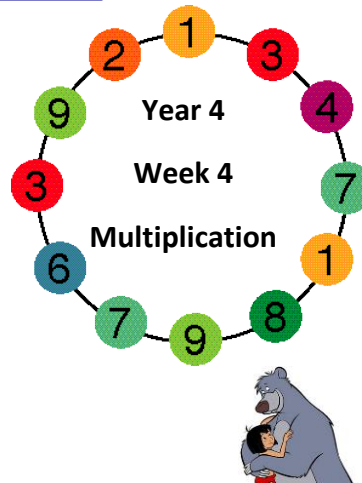
Make the target number of 84 using three of the digits below.



$$\square \times \square \times \square = 84$$

#### Challenge

Multiply the remaining three digits together. What is the product of the three numbers? Is the product smaller or larger than 84? Can the boxes be completed in more than one way?



#### Challenge linked to Home Learning Project

**Maths Mosaic**- Can you solve the times table questions and complete the mosaics? Can you create your own times table maths mosaic?

$$\text{🐘} \times \text{🦘} = 10$$

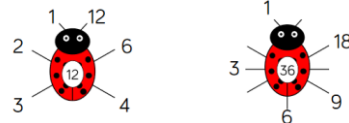
What number values do the animals have?

$$\text{🦜} \times \text{🐘} = 15$$

Now make up your own!

#### Factor bugs

Here is a video clip that might help: <https://www.bbc.co.uk/bitesize/topics/zfq7hyc/articles/zp6wfcw>  
Here is an example of a factor bug for 12. Complete the factor bug for 36. Are all the factors in pairs?



Create your own factor "Jungle animals" for 16,35,48 and 56.

#### Times table games

Year 4 need to know their times tables up to 12 by 12.

<https://www.topmarks.co.uk/maths-games/hit-the-button>

<https://mathsframe.co.uk/en/resources/resource/318/Tomm-vs-Trek-Times-Tables>