



Thursday 16.07.20

Multiply 2 digit numbers by 6 using partitioning

## Part A - Use partitioning to solve these questions using the 6 times table

1)  $45 \times 6 =$

2)  $83 \times 6 =$

3)  $\quad \times 6 = 300$

4)  $6 \times \quad = 600$

### Extension -

Jasmine is doing the calculation  $32 \times 6$ . She got the answer 1812.

Do you think she is correct? How do you know?

If not...where do you think Jasmine made a mistake?



2

## Part B -

1) Look at the image below, what is the same, what is different?

$25 \times 6 =$

H	T	O
●	●●●●●	

$26 \times 6 =$

H	T	O
●	●●●●●	●●●●●

$27 \times 6 =$

H	T	O
●	●●●●●	●●

2)



Tim is ordering more eggs for the cafe. One box contains six eggs.

If he orders 16 boxes, how many eggs will he have?



3



Extra spicy

Part C- challenge

Billie is on a bug hunt.  
In her garden there are a mixture of spiders  
(with 8 legs) and insects (with 6 legs).

The bugs that she finds have a total of 100  
legs altogether.

How many spiders and insects did she  
find?  
How do you know?  
Is there more than one answer?

