

**Thursday 7<sup>th</sup> May 2020**

**Y4 Maths**

Good morning Y4s

Today's maths:

1. Please go to <https://whiterosemaths.com/homelearning/year-4> and look for **Summer Term – Week 3 - Lesson 4**. Watch the video called '**Divide 3 digit by 1 digit number**' and then do the activity. (I have copied it below).
  
2. When you have completed the activity, have a go at the **Y4 progress test** (you will find it in the list of tasks on the website). You don't need to print it out, you can just write the numbers and the answers in your maths book. Complete as much as you can and don't worry if there are any that you can't do. I have also posted the answers so you can see how you got on.

Good luck.

Miss Bamber

## Divide 3-digits by 1-digit

- 1 Jack is working out  $844 \div 4$  using a place value chart.

H	T	O
100 100	10	1
100 100	10	1
100 100	10	1
100 100	10	1

- a) Talk about Jack's method with a partner.  
b) Complete the division.

$$844 \div 4 = \square$$

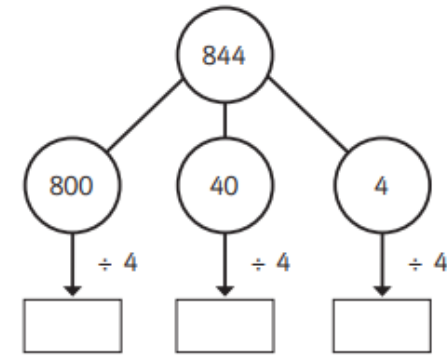
- 2 Use Jack's method to work out these divisions.

a)  $525 \div 5 = \square$       c)  $840 \div 8 = \square$

b)  $636 \div 6 = \square$       d)  $903 \div 3 = \square$



- 3 Eva is working out  $844 \div 4$  using a part-whole model.



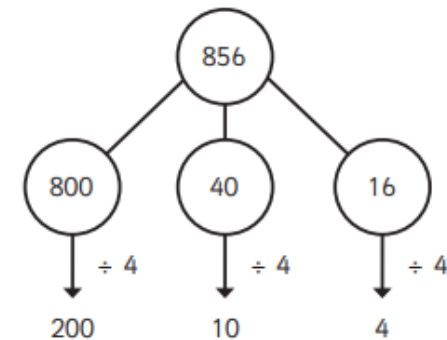
Complete Eva's method.

$$844 \div 4 = \square$$

- 4 A ball of string is 848 cm long.  
It is cut into 4 equal pieces.

What is the length of one piece of string?

- 5 Whitney is using flexible partitioning to divide a 3-digit number.



Could Whitney have partitioned her number another way?

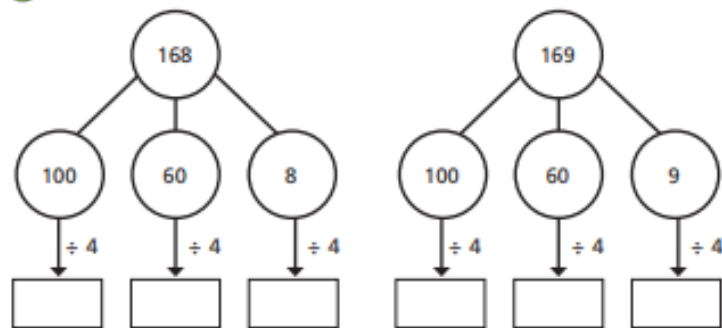


Use Whitney's method to work out these divisions.

a)  $585 \div 5 = \square$       c)  $648 \div 4 = \square$

b)  $672 \div 6 = \square$       d)  $847 \div 7 = \square$

6 Complete the part-whole models and divisions.



$168 \div 4 = \square$

$169 \div 4 = \square$

What is the same and what is different about the calculations?

Talk about it with a partner.

7 Complete the divisions.

a)  $258 \div 6 = \square$       c)  $864 \div 4 = \square$

b)  $623 \div 5 = \square$       d)  $824 \div 3 = \square$



8 Eva has a piece of ribbon.

The ribbon measures 839 cm long.



How much ribbon would be left over if she cuts it into:

a) 4 equal pieces

b) 6 equal pieces

c) 8 equal pieces

Can Eva cut the ribbon into equal pieces with no ribbon left over?

Explain your answer.

9 Use 15 counters and a place value chart.

a) Make a number that is divisible by 3

b) Make a number that has a remainder of 1 when divided by 3

c) Make a number that has a remainder of 2 when divided by 3

Create your own problem like this for a partner.

