

Year 4

We are learning to divide 3 digits by 1 digit

Recap it-

Complete page 22 in your maths workbook.

Watch it -

It is important you click on week 3 not week 4.

Lesson 3 - Divide 2-digit by 1-digit number

<https://whiterosemaths.com/homelearning/year-4/>

Practise it-

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.

$$844 \div 4 = \boxed{}$$

2.

Use Jack's method to work out these divisions.

a) $525 \div 5 = \boxed{}$

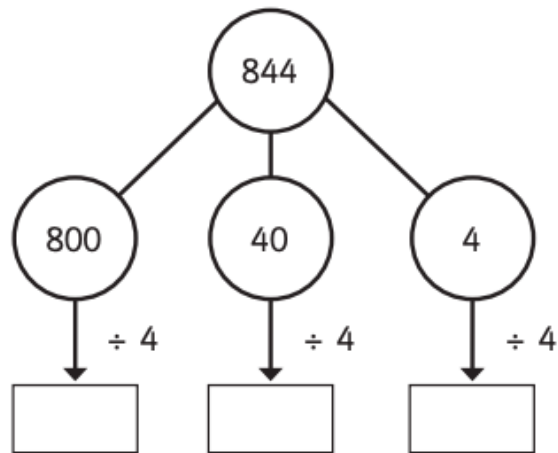
c) $840 \div 8 = \boxed{}$

b) $636 \div 6 = \boxed{}$

d) $903 \div 3 = \boxed{}$

3.

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



Complete Eva's method.

$$844 \div 4 = \boxed{}$$

Do it!

1.

A ball of string is 848 cm long.

It is cut into 4 equal pieces.

What is the length of one piece of string?

2. Complete the following:

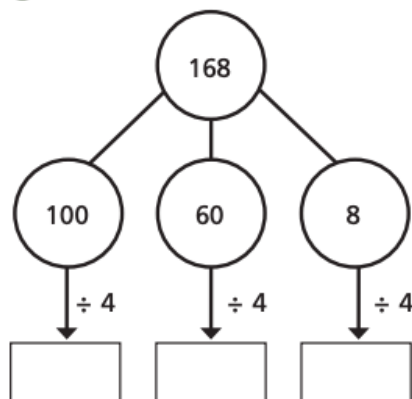
a) $585 \div 5 = \boxed{}$

c) $648 \div 4 = \boxed{}$

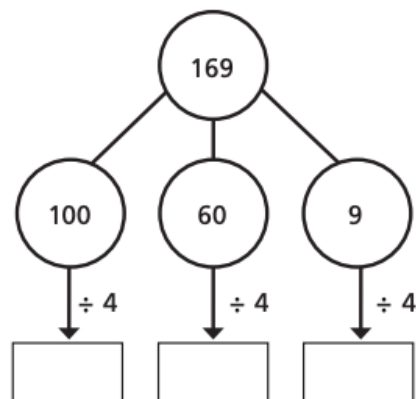
b) $672 \div 6 = \boxed{}$

d) $847 \div 7 = \boxed{}$

3. Complete the part whole models and divisions



$$168 \div 4 = \boxed{}$$



$$169 \div 4 = \boxed{}$$

4.

Complete the divisions.

a) $258 \div 6 =$

c) $864 \div 4 =$

b) $623 \div 5 =$

d) $824 \div 3 =$

Challenge-

1.

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?

2.

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.