

Year 4 Homework – 26.01.24

Homework

Maths

For their homework this week, I would like the children to focus on dividing a 3-digit number by a 1 digit number using the bus stop method. The children have found this tricky this week. Therefore, I have attached an example of it below. Please see the questions attached to complete. Mild (Q1=6), Hot (1-8) and Flamin' (Q1-9).

$$186 \div 6 =$$

	0	3	1
6	1	¹ 8	6

no groups of 6
can be made $3 \times 6 = 18$ $1 \times 6 = 6$

Year 4 Multiplication Check

In June 2024, all children in Year 4 will have a multiplication check which will take place in school to test their knowledge of times tables up to 12×12 . The pupils will have 25 questions but only six seconds to answer each question, therefore it is very important the children learn each times table thoroughly.

In order to prepare for this, children are learning a times table each week for homework but they also need to recap on old times tables too. Please encourage your child to practise using the link below which is an example of how the test will actually look.

<https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check>

For more information, click on the link below:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/869846/2020_Information_for_parents_multiplication_tables_check.pdf

Spellings

This week my score was _____/10

Please learn the spellings provided in your reading diary.

Reading

Reading diaries are currently on their way and are due to be delivered to school at the end of the month so we will pass these onto the children when we receive them. In the meantime, please keep reading as normal. Thank you!

Homework is due to be handed in on a Wednesday.

Divide a 3-digit number by a 1-digit number

- 1 Max is using a place value chart to work out $844 \div 4$

a) Talk about Max's method with a partner.

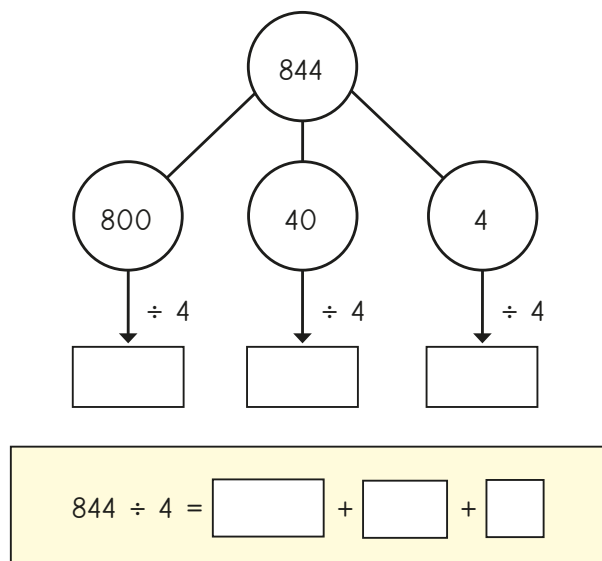
b) Work out the division.

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

- 2 Work out the divisions.

a) $525 \div 5$ b) $636 \div 6$ c) $840 \div 8$ d) $903 \div 3$

- 3 Eva is using a part-whole model to work out $844 \div 4$

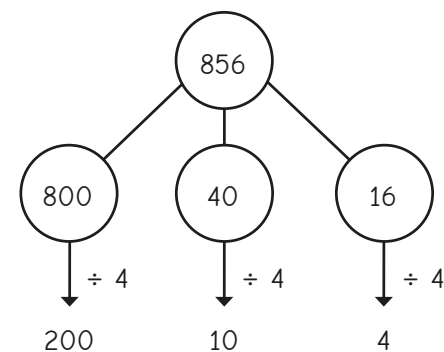


a) Complete Eva's workings.

b) Work out the division.

- 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 the number another way?

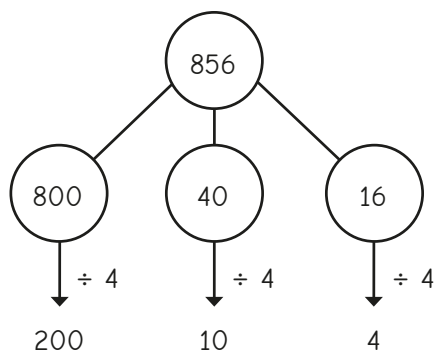
- 6 Work out the divisions.

a) $585 \div 5$ c) $648 \div 4$
b) $672 \div 6$ d) $847 \div 7$

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What is the length of one piece of string?

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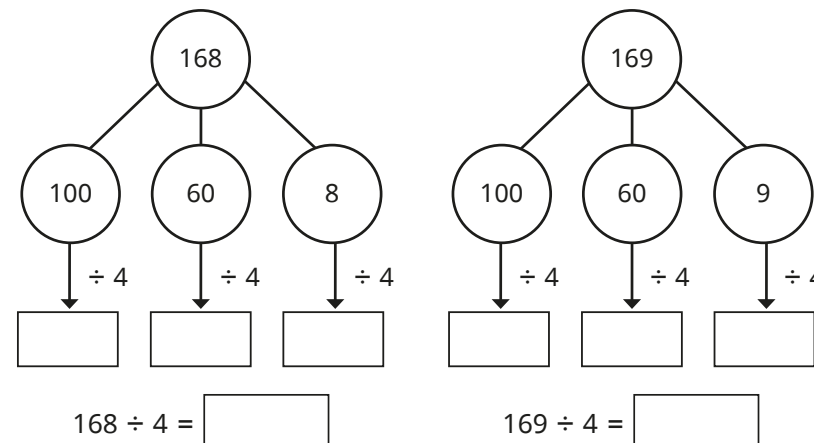


Could Whitney have partitioned the number another way?

- 6 Work out the divisions.

- a) $585 \div 5$ c) $648 \div 4$
b) $672 \div 6$ d) $847 \div 7$

- 7 Complete the part-whole models and divisions.



What is the same and what is different about the calculations?
Talk about it with a partner.

- 8 Work out the divisions.

- a) $258 \div 6$ b) $623 \div 5$ c) $864 \div 4$ d) $824 \div 3$

- 9 Eva has a piece of ribbon.
The ribbon is 839 cm long.



- a) Work out how much ribbon would be left over if she cut it into:

- 4 equal pieces
- 6 equal pieces
- 8 equal pieces

- b) Can Eva cut the ribbon into equal pieces with no ribbon left over?
Explain your answer.