

## Year 4 Homework – 20.10.23

### Homework

#### Maths

This week in maths, the children have been looking column subtraction with more than one exchange. Please see the worksheet attached. Mild (Q 1-5), Hot (Q 1-6) and Flamin' (Q1-8).

#### Times tables

Your child will be given a times table to learn every week. Each child will start with x 2. The children will be given 1 minute every Friday to answer the times tables in a test. Please support your child by learning these at home.

This week my score was \_\_\_\_\_/12.

#### 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 12x12. 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](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**.

# Subtract two 4-digit numbers – more than one exchange

- 1 Use the place value chart to work out the subtractions.

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

- a)  $564 - 354$   
b)  $564 - 355$   
c)  $564 - 365$   
d)  $564 - 367$

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

- 2 Use the place value chart to work out the subtractions.

Th	H	T	O
1,000 1,000	100 100	10 10	1 1
1,000 1,000	100 100	10	1 1
1,000			1

- a)  $5,435 - 2,136$   
b)  $5,436 - 1,627$   
c)  $5,435 - 1,452$   
d)  $5,435 - 549$

- 3 Complete the calculations.

a)

	Th	H	T	O
	7	3	2	5
-	2	4	0	6

c)

	Th	H	T	O
	7	1	1	2
-		3	9	8

b)

	Th	H	T	O
	5	6	3	4
-	2	7	4	5

d)

	Th	H	T	O
	2	1	0	3
-	1	7	4	3

- 4 Kim has made a number using base 10

Th	H	T	O

- a) Subtract 8 from Kim's number.

Explain the method you used.

- b) Subtract 20 from Kim's number.

- c) Subtract 900 from Kim's number.

- d) Work out the subtractions.

$$1,702 - 28$$

$$1,702 - 928$$

- 5 Complete the calculations.

a)

	Th	H	T	O
	6	5	0	2
-	3	2	6	3

c)

	Th	H	T	O
	5	0	0	0
-	1	7	4	5

b)


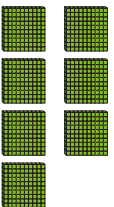

	Th	H	T	O
	6	0	1	3
-	1	8	3	4

d)

	Th	H	T	O
	9	1	0	0
-	4	3	5	6

# Subtract two 4-digit numbers – more than one exchange

- 4 Kim has made a number using base 10

Th	H	T	O
			

- a) Subtract 8 from Kim's number.

Explain the method you used.

- b) Subtract 20 from Kim's number.

- c) Subtract 900 from Kim's number.

- d) Work out the subtractions.

$$1,702 - 28$$

$$1,702 - 928$$

- 5 Complete the calculations.

a)

	Th	H	T	O
	6	5	0	2
-	3	2	6	3

b)

	Th	H	T	O
	6	0	1	3
-	1	8	3	4

c)

	Th	H	T	O
	5	0	0	0
-	1	7	4	5

d)

	Th	H	T	O
	9	1	0	0
-	4	3	5	6

- 6 A jug contains 1,500 ml of juice.  
The juice is poured into 2 glasses.  
Each glass holds 258 ml of juice.  
How much juice is left in the jug?



- 7 Work out the missing digits.

a)

	Th	H	T	O
	7			4
-	1	2	3	
		9	5	8

b)

	Th	H	T	O
	4	0		3
-			3	8
		8	4	

- 8 Arrange all the digit cards to make a possible subtraction for each description.

0	1	2	3	4	5	6	7
---	---	---	---	---	---	---	---

- a) There are two exchanges.

The answer is less than 2,000

- b) There are two exchanges.

The answer is greater than 4,000

- c) There are three exchanges.