Year 4 Maths – Week beginning 15.06.20

General Information

Remember, it is important for you to show your method. **Remember to also complete your weekly Mathletics (two tasks per week).**

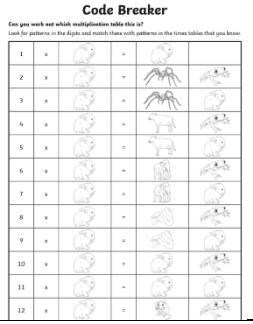
When you have completed each task, where applicable, you can use a calculator to check your workings and record any corrections needed. Remember to reflect on where you went wrong, as this will help you with future tasks.

Monday

Code Breaker

Complete the Code Breaker activity on **Additional Reference Page 1.**

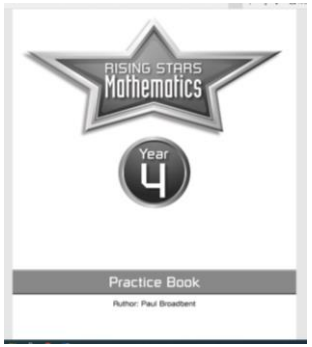
Extension: Can you create your own version for a friend or family member to work out?



Tuesday

Multiplication

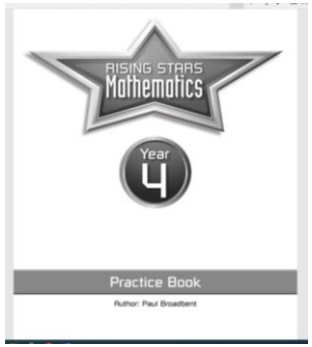
Complete pages 76,77 and 78 in your Rising Stars Practice Book.



Wednesday

Written Methods of Multiplication

Complete pages 79,80 and 81 in your Rising Stars Practice Book.

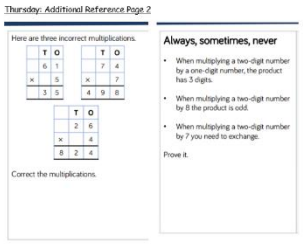


Thursday

Written Methods of Multiplication

1) Complete pages 82 and 83 in your Rising Stars Practice Book.

2) Complete the activities on **Additional Reference Page 2.**



Friday

Written Methods of Multiplication

- Complete the activities on **Additional Reference Page 3** in your homework book.
- Complete the following calculations by using the formal written method. Write them out into your homework book:

1) 328 x 6 = 2) 235 x 7 = 3) 179 x 8 =

4) 602 x 9 = 5) 735 x 7 =

Code Breaker

Can you work out which multiplication table this is?

Look for patterns in the digits and match these with patterns in the times tables that you know.

1	x		=		
2	x		=		
3	x		=		
4	x		=		
5	x		=		
6	x		=		
7	x		=		
8	x		=		
9	x		=		
10	x		=		
11	x		=		
12	x		=		

When you've worked out the code, complete this code breaker by drawing each animal in the correct box.

0	1	2	3	4	5	6	7	8	9
									

Use your code breaker to answer these questions:

1. snake frog x spider frog = _____
2. mouse frog x elephant = _____
3. dog x elephant = _____
4. cat x cow frog = _____
5. pig x dog = _____

Thursday: Additional Reference Page 2

Here are three incorrect multiplications.

	T	O
	6	1
×		5
	3	5

	T	O
	7	4
×		7
4	9	8

	T	O
	2	6
×		4
8	2	4

Correct the multiplications.

Always, sometimes, never

- When multiplying a two-digit number by a one-digit number, the product has 3 digits.
- When multiplying a two-digit number by 8 the product is odd.
- When multiplying a two-digit number by 7 you need to exchange.

Prove it.

Friday: Additional Reference Page 3

Complete the calculation.

Hundreds	Tens	Ones
100 100		1 1 1
100 100		1 1 1
100 100		1 1 1

	H	T	O
	2	0	3
×			3

A school has 4 house teams.
There are 245 children in each house team.
How many children are there altogether?

Hundreds	Tens	Ones
100 100	10 10 10 10	1 1 1 1 1
100 100	10 10 10 10	1 1 1 1 1
100 100	10 10 10 10	1 1 1 1 1
100 100	10 10 10 10	1 1 1 1 1

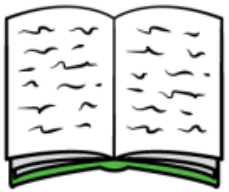
	H	T	O
	2	4	5
×			4

Write the multiplication represented by the counters and calculate the answer using the formal written method.

Hundreds	Tens	Ones
100 100 100	10 10 10 10 10 10 10	
100 100 100	10 10 10 10 10 10 10	

29

Teddy and his mum were having a reading competition.
In one month, Teddy read 814 pages.



His mum read 4 times as many pages as Teddy.
How many pages did they read altogether?
How many fewer pages did Teddy read?
Use the bar model to help.

Teddy	814			
Mum	814	814	814	814

Spot the mistake

Alex and Dexter have both completed the same multiplication.

Alex

	H	T	O
	2	3	4
×			6
1	2	0	4
	2	2	

Dexter

	H	T	O
	2	3	4
×			6
1	4	0	4
	2	2	

Who has the correct answer?
What mistake has been made by one of the children?