

# Year 4 ~ Maths – Summer 2 Week 1

You will not need to print out the questions, use a piece of paper to write out the answers and do all of your working out.  
Ask someone else who lives with you to mark it for you, then you can talk about your errors!  
Looking forward to seeing your work!



	Day 1 Activity	Day 2 Activity	Day 3 Activity	Day 4 Activity	Day 5 Activity
<b>Mental Maths</b>	<p>Use a clock at home to practice telling the time. Ask an adult or older sibling to ask you questions like: What will the time be in 15mins. What was the time 10mins ago?</p> <p>Practice telling the time, using the game below. Choose your level. <a href="https://mathsframe.co.uk/en/resources/resource/116/telling-the-time">https://mathsframe.co.uk/en/resources/resource/116/telling-the-time</a></p>	<p>Practice the times tables you still struggle with like 7's and 8's up to 12.</p> <p>Times Tables Rocks Stars times tables practice up to twelve. <a href="https://trockstars.com/">https://trockstars.com/</a></p>	<p>Practice the times tables you still struggle with like 7's and 8's up to 12.</p> <p>Times Tables Rocks Stars times tables practice up to twelve. <a href="https://trockstars.com/">https://trockstars.com/</a></p>	<p>Use the 0-9 digit cards you made. Make a 2 digit number and halve it. Get an adult or older sibling to help with the odd numbers!</p> <p>Halves – choose your level of skill, not too easy!!! <a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a></p>	<p>Times Tables Rocks Stars times tables practice up to twelve. <a href="https://trockstars.com/">https://trockstars.com/</a></p> <p>Ask someone in your home to practice with / test you with the times tables you have worked on this week.</p>

	Multiplying 2 digit by 1 digit.	Multiplying 3 digit by 1 digit.	Dividing 2 digits by 1 digit	Solving Problems	Solving Problems
<b>Problem / Activity of the day</b>	<p>This is a skill that you all need to know and be confident with. Sometimes mistakes are made that are not rectified.</p> <p>How confident are you with recalling your times tables up to 12x12?</p> <p>You need to be able to recall them and not have to work them out when you are multiplying as this is where errors are made!</p>	<p>How did you get on yesterday?</p> <p>Today you need to practice with multiplying 3 digits by 1 digit.</p> <p>Why is place value important when using column multiplication?</p> <p>It is important that you are accurate in your calculations as I would like you to do some</p>	<p>You need to be confident with multiplication tables to complete divisions. If you know that:</p> <p style="text-align: center;"><math>3 \times 6 = 18</math></p> <p style="text-align: center;">then <math>18 \div 6 = 3</math> and <math>18 \div 3 = 6</math></p> <p>Can you find the 2 division sums that correspond with the following multiplication tables? <math>4 \times 7 = 42</math></p>	<p>Do you know how to recognise it the problem you are doing is a multiplication or division problem?</p> <p>Sometimes it is easy to see and sometimes you have to work it out!</p> <p>You need to look for the language associated with each calculation.</p> <p>Have a look below. Try to learn these and apply the</p>	<p>You have practicing multiplication and division calculations. Now I would like you to put those skills into practice and solve some problems.</p> <p>Remember when you are solving problems you need to;</p> <ul style="list-style-type: none"> <li>• <b>READ</b> carefully</li> <li>• Think about <b>KEY INFORMATION</b>, <b>WHAT</b> is it asking you to do.</li> </ul>

	<p>You know how to complete the calculation, but times tables are sometimes incorrect.</p> <p>Make sure you are using Times Tables Rockstars to practice every day.</p> <p>Or saying your times tables aloud.</p> <p>This really helps.</p>	<p>problem solving later in the week.</p> <p>Make sure you are using Times Tables Rockstars to practice every day.</p>	<p><math>6 \times 5 = 30</math></p> <p><math>7 \times 8 = 56</math></p> <p>Now if you see:  <math>37 \div 5 =</math> you know that the answer is 7 r 2 because <math>7 \times 5 = 35</math>, there are 2 more, so they are remainders.</p> <p>Have a go with the division sums today. If you have any problems, use your times table grid (below) to help you.</p>	<p>words to today's maths learning.</p> <p><b>DIVISION</b>  Share, share equally, divided into,</p> <p><b>MULTIPLICATION</b>  Lots of, groups of, groups altogether, times.</p> <p>You will need to recognise if it is a multiplication OR a division!</p> <p>Then you can also work them out, if you think you know!</p>	<ul style="list-style-type: none"> <li>• <b>SOLVE</b> the problem <b>ANSWER</b> the problem separately. Don't so it is clear.</li> </ul>
<b>Resources</b>	Pencil / paper.	Pencil / paper	Pencil/ paper	Pencil / paper	Pencil / paper
<b>Tips / Clues or methods to help</b>	Recall of times tables is very important!!	Remember when you are multiplying using the column method you will need to remember to make the tens, hundreds that you carry from the previous column very clear!  And remember to add them on!	Remember the remainders are important too!	Practice with your multiplication grids, some quick division sums.	Practice the 24hour times, using the telling the time game link on Tuesday.  (There is an extension activity following if you would like to give it a go.)

# Times Tables grid

	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

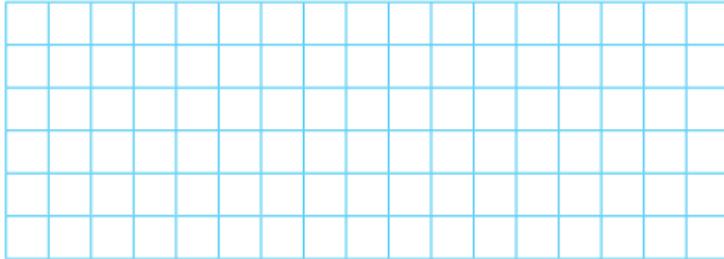


Now complete the following, make sure you check your working out before you look at the answers!

Use a written method to complete the multiplications.

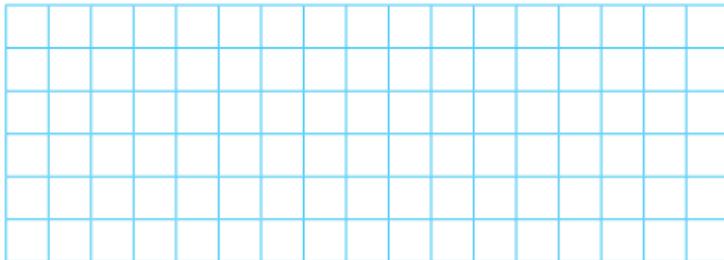
a)  $38 \times 6 =$

c)  $45 \times 9 =$



b)  $71 \times 3 =$

d)  $52 \times 5 =$



Day 2

1)

Complete the multiplication.

Use the place value chart to help you.

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

		H	T	O
		2	1	5
x				3

3) Now try these. (If you need more practice).

a)  $3 \times 213 =$

d)  $6 \times 106 =$

b)  $4 \times 216 =$

e)  $4 \times 209 =$

c)  $5 \times 106 =$

f)  $317 \times 3 =$

2)

Complete the multiplications.

a)

		H	T	O
		2	1	7
x				4

c)

		H	T	O
		1	0	8
x				6

b)

		H	T	O
		4	3	9
x				2

d)  $163 \times 5$


Day 3

Remember to use your times tables to help you!! How many have no remainders?

Day 4

Day 4 - Do we multiply or divide?

Complete the divisions.

a)  $36 \div 4 =$

$37 \div 4 =$

$38 \div 4 =$

$39 \div 4 =$

$40 \div 4 =$

b)  $70 \div 5 =$

$71 \div 5 =$

$72 \div 5 =$

$73 \div 5 =$

$74 \div 5 =$

c)  $45 \div 3 =$

$46 \div 3 =$

$47 \div 3 =$

$48 \div 3 =$

$49 \div 3 =$

d)  $92 \div 4 =$

$91 \div 4 =$

$90 \div 4 =$

$89 \div 4 =$

$88 \div 4 =$

1. I have 65 sweets. I need to share them between 5 children. How many would each child get?
2. Tom has 5 dogs. Each dog has 7 puppies. How many puppies are there altogether?
3. A spider has 8 legs. How many legs do 16 spiders have?
4. There are 24 doughnuts in a box. Mum brings home 6 boxes of doughnuts. How many are there in total?
5. Stephen has 42 toy cars. He has 7 toy boxes. How many cars fit in each one?
6. Mike has 84 maltesers. He is going to split them equally between himself and his 3 friends? How many would each boy get?
7. A gallery has 63 paintings. They want to divide these between the 3 halls. How many paintings would be in each hall?

Day 5 - Remember to show your working out, especially when you are completing the division calculations.

1. Mrs. Jones picks 33 flowers a day for starting on Monday. How many does she have by Sunday?
2. 46 cats have 4 kittens each. How many kittens are there in total?
3. In a school there are 320 children. There are 6 classrooms. How many children in each class?
4. I have 66 cookies and can fit 6 cookies into a box. How many boxes will I need?
5. There are 69 smarties in a box. How many smarties in 6 boxes?
6. How many wheels are there on 48 cars?
7. There are 7 windows on a house. How many windows on 73 houses?

Now try these

8. 15 children are at a party. 3 go home. The others share 48 sweets. How many do they each get?
9. 9 groups of 29 children go to a sports day. 7 need to go home early as they are sick. How many children take part?

10. Each box has 28 pencils in it. Mr. Robert has 6 boxes of pencils but 4 pencils are broken. How many does he have?



Day 2 (cont)

Use place value counters to complete the multiplications.

a)  $3 \times 213 =$

d)  $6 \times 106 =$

b)  $4 \times 216 =$

e)  $4 \times 209 =$

c)  $5 \times 106 =$

f)  $317 \times 3 =$

Day 3

Complete the divisions.

a)  $36 \div 4 =$

c)  $45 \div 3 =$

$37 \div 4 =$

$46 \div 3 =$

$38 \div 4 =$

$47 \div 3 =$

$39 \div 4 =$

$48 \div 3 =$

$40 \div 4 =$

$49 \div 3 =$

b)  $70 \div 5 =$

d)  $92 \div 4 =$

$71 \div 5 =$

$91 \div 4 =$

$72 \div 5 =$

$90 \div 4 =$

$73 \div 5 =$

$89 \div 4 =$

$74 \div 5 =$

$88 \div 4 =$

Day 4

- 1)  $65 \div 5 = 13$
- 2)  $5 \times 7 = 35$
- 3)  $16 \times 8 = 128$
- 4)  $24 \times 6 = 144$
- 5)  $84 \div 4 = 21$
- 6)  $63 \div 3 = 21$

Day 5

- 1)  $33 \times 7 = 231$
- 2)  $46 \times 4 = 184$
- 3)  $320 \times 6 = 1920$
- 4)  $66 \div 6 = 11$
- 5)  $69 \times 6 = 414$
- 6)  $48 \times 4 = 192$
- 7)  $73 \times 7 = 511$
- 8)  $15 - 3 = 12$     so     $48 \div 12 = 24$
- 9)  $29 \times 9 = 261$     so     $261 - 7 = 254$
- 10)  $28 \times 6 = 168$     so     $168 \div 4 = 164$