



# Maths this week:

AUTUMN TERM 2

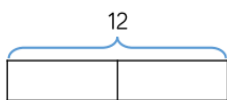
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## In Year 3...

This week in year 3 we have been brushing up our division skills around the 2,5, and 10 times tables and looking at the relationship with multiplication.

Mo and Tommy have 12 sweets between them. They share them equally. How many sweets does each child get?

There are \_\_\_ sweets altogether.  
There are \_\_\_ groups.  
There are \_\_\_ in each group.



Complete the bar model and write a calculation to match.

Group the 1p coins into 5s.

How many 5p coins do we need to make the same amount of money?

Draw coins and complete the missing information.

- \_\_\_ lots of 5p = 20 one pence coins
- \_\_\_ lots of 5p = 20p
- 20p = \_\_\_ × 5p
- 20p ÷ 5 = \_\_\_



Group the socks into pairs.



$$\square \div \square = \square$$

$$\square \times \square = \square$$

Complete the number sentences.

### True or false?

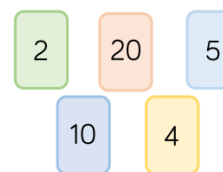
Dividing by 10 is the same as dividing by 5 then dividing by 2

Fill in the missing numbers.

- 70 ÷ 10 = \_\_\_
- 6 tens ÷ 1 ten = \_\_\_
- 5 = \_\_\_ ÷ 10
- There are \_\_\_ tens in 40

Use the number cards to make multiplication and division sentences.

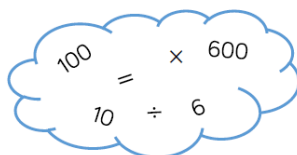
How many can you make?



## In Year 4...

This week in Year 4, we are tackling a new times table and working on multiplying and dividing by 6. Try The Daily 10 at home to practise multiplying by 6! Can you beat your score each time?

1.  $5 \times 6 =$
2.  $0 \times 6 =$
3.  $3 \times 6 =$
4.  $10 \times 6 =$
5.  $6 \times 6 =$
6.  $2 \times 6 =$
7.  $4 \times 6 =$
8.  $7 \times 6 =$
9.  $11 \times 6 =$
10.  $1 \times 6 =$
11.  $9 \times 6 =$
12.  $12 \times 6 =$
13.  $8 \times 6 =$



$$\_ \div \_ = 6$$

$$60 = 600 \_ 10$$

I am thinking of 2 numbers where the sum of the numbers is 15 and the product is 54

What are my numbers?

Think of your own problem for a friend to solve?

### Always, Sometimes, Never

When you multiply any whole number by 6 it will always be an even number.

Explain your answer.

### Always, Sometimes, Never

If a number is a multiple of 3 it is also a multiple of 6

Explain why you think this.

Use your knowledge of the 6 times table to complete the missing values?

$$6 \times 2 = \_$$

$$\_ \times 6 = 12$$

$$6 \times 2 \times 10 = \_$$

$$\_ \times 20 = 120$$

$$20 \times \_ = 120$$

$$6 \times 2 \times \_ = 1,200$$

$$6 \times \_ = 1,200$$

$$200 \times 6 = \_$$

$$10 \times \_ \times 6 = 120$$

## In Year 5...

This week, we have looked at dividing by 10, 100 and 1000. Can you remember what happens to the digits and where they need to move? Remember to consider the place value of the digits very carefully.

### Fluency

$$450 \div 10 = \quad 4.5 \div 10 =$$

$$450 \div 100 = \quad 4.5 \div 100 =$$

$$450 \div 1000 = \quad 4.5 \div 1000 =$$

Mo has £357,000 in his bank.

He divides the amount by 1,000 and takes that much money out of the bank.

Using the money he has taken out, he buys some furniture costing two hundred and sixty-nine pounds.

How much money does Mo have left from the money he took out?

Show your working out.

$8 \times 12 = \underline{\quad}$

$10 \times 8 = \underline{\quad}$

$9 \times 8 = \underline{\quad}$

$8 \times 8 = \underline{\quad}$

$7 \times 8 = \underline{\quad}$

$9 \times 12 = \underline{\quad}$

$8 \times 7 = \underline{\quad}$

$6 \times 8 = \underline{\quad}$

$2 \times 8 = \underline{\quad}$

$5 \times 8 = \underline{\quad}$

$2 \times 9 = \underline{\quad}$

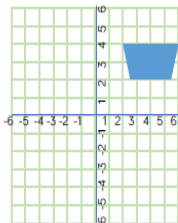
$8 \times 9 = \underline{\quad}$

It's just as important to practise your times tables as it is to get your 3 reads, make sure you are regularly logging onto Rockstars to keep up with memorising those speedy times tables facts!

## In Year 6...

Next week we will be looking at co-ordinates, reflection and translation. Let's see what you can remember from last year:

Reflect the trapezium in the  $x$  and the  $y$  axis.  
Complete the table with the new co-ordinates of the shape.



	Reflected in the $x$ axis	Reflected in the $y$ axis
(3,4)		
(6,4)		
(7,7)		
(2,7)		

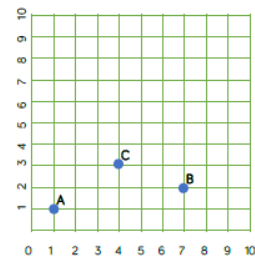
Draw the vertices of the polygon with the co-ordinates (7, 1), (7, 4) and (10, 1).

What type of polygon is the shape?

Marie has written the co-ordinates of point A, B and C.

A (1, 1) B (2, 7) C (3, 4)

Mark Marie's work and correct any mistakes.



Work out the missing co-ordinates of the rectangle.

