345 x 22 =	**4638 ÷ 100 =**	**673 x 4 =**
7^2	$\frac{3}{4}$ of 36 =	91678 + 2932 =
5458 − 1258 =	54.362 + 2.4 =	38502 ÷ 9 =

INTRODUCTION TO LONG DIVISION

White Rose MATHS

Let's learn

			3	2	
	12	3	8	4	
	−	3	6		
		0	2	4	

12	24	36	48	60	72	84	96

We can show the multiples of 12 using a number track.

$$384 \div 12 = 32$$

12	24	36	48	60	72	84	96

```
            3   2
   12 | 3   8   4
      - 3   6
        0   2   4
          -   2   4
                0
```

How many groups of 12 ones can we make if we have 24 ones?

We can make 2 groups of 12 ones.

Complete the long division.

Multiples of 14:
$\times 1 = 14$
$\times 2 = 28$
$\times 3 = 42$
$\times 4 = 56$
$\times 5 = 70$
$\times 6 = 84$

14	7	8	4

Complete the number track and work out the long division.

18	36	54			

18	9	5	4

		16	7	2	0

16							

We can show the multiples of 16 using a number track.

	25	7	7	5

25							

We can show the multiples of **25** using a number track.

Here are the dimensions of a garden.

? m

15 m

area = 4,875 m^2
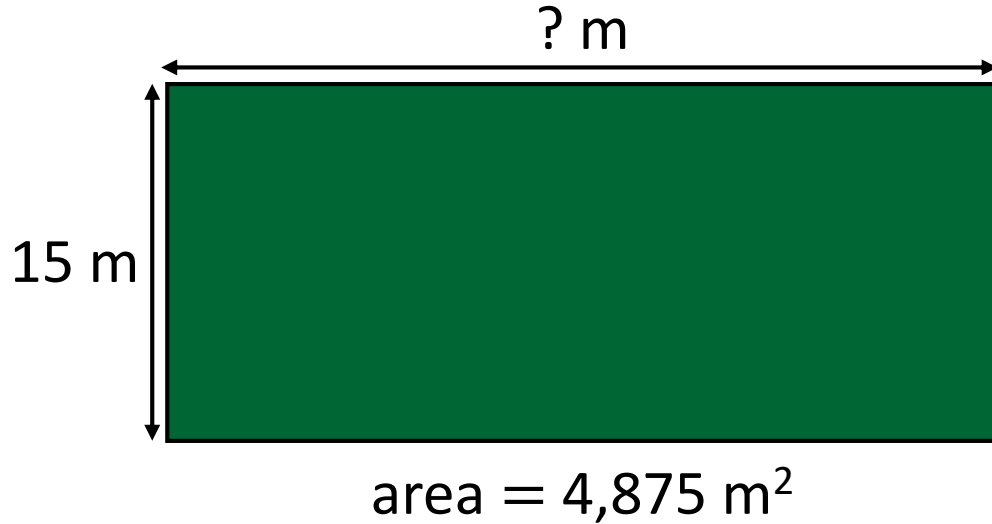
What is the length of the garden?

4,875 ÷ 15 =

Use the multiples to help you complete the divisions.

17	34	51	68	85	102	119

$935 \div 17 = \boxed{}$

24	48	72	96	120	144	168

$1{,}056 \div 24 = \boxed{}$

32	64	96	128	160	192	224

$1{,}952 \div 32 = \boxed{}$

Work out the divisions using your preferred method.

$512 \div 16$

$5{,}724 \div 27$

$8{,}471 \div 43$

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