

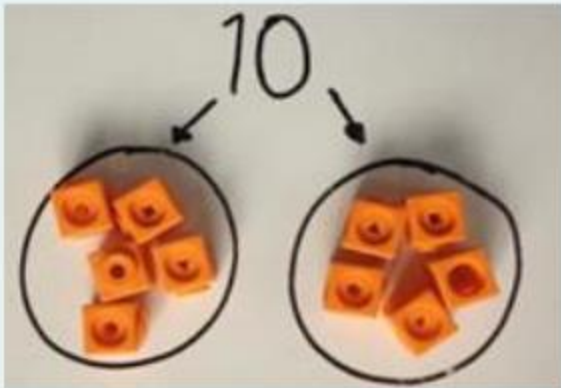
The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the left and right sides of the frame, creating a modern, dynamic feel. The central area is a clean, white space where the text is placed.

Division across the school

EYFS and Year 1

Early Division

Sharing

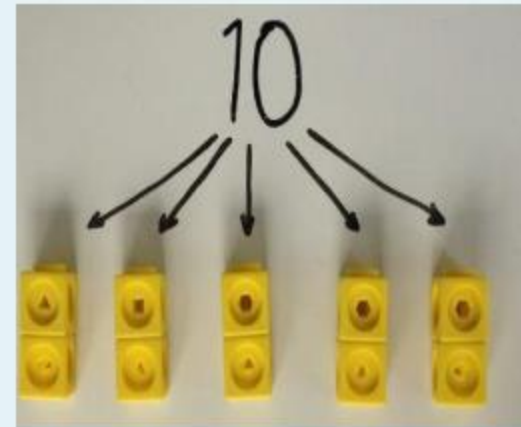


Share 10 cubes
between 2 people

Starting with 10 and
sharing between 2.

$$10 \div 2 = 5$$

Grouping

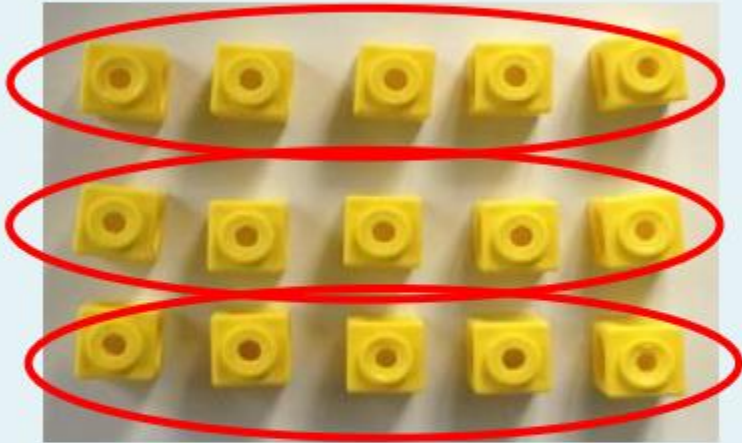


How many **groups of**
2 are in 10?

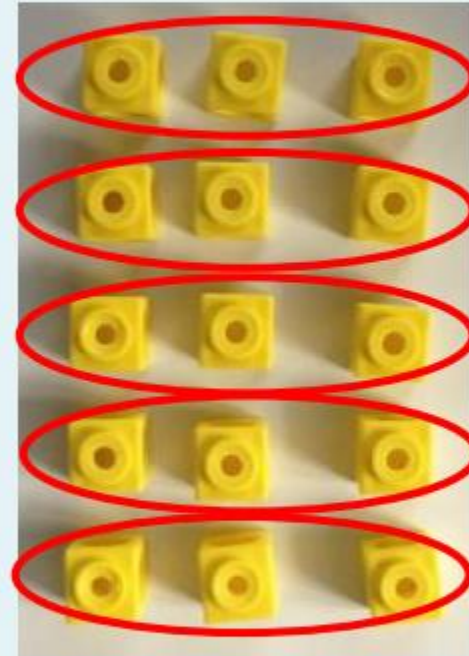
Starting with 10 and
removing groups of 2.

Linking to multiplication (Y2)

$$3 \times 5 = 15$$



$$5 \times 3 = 15$$

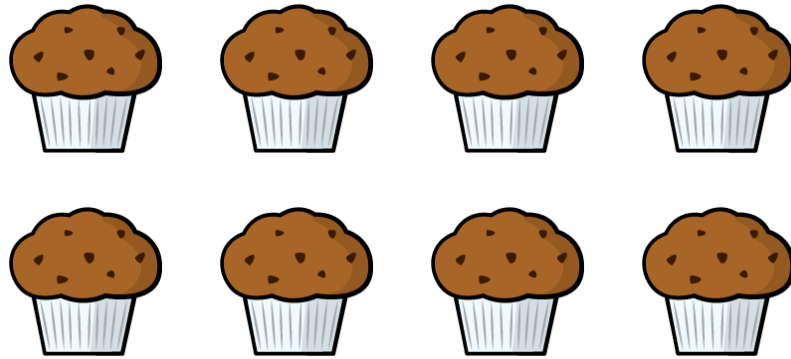


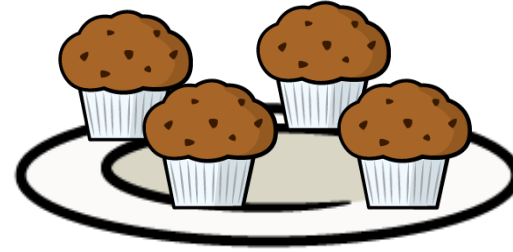
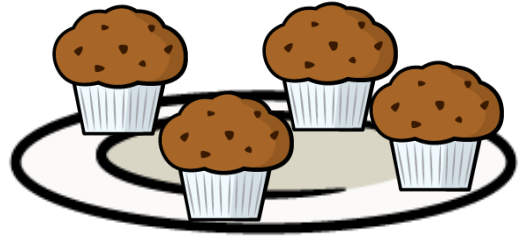
$$15 \div 5 = 3$$

$$15 \div 3 = 5$$

*“Division is the **inverse** of multiplication.”*

Share the muffins equally between 2 groups.



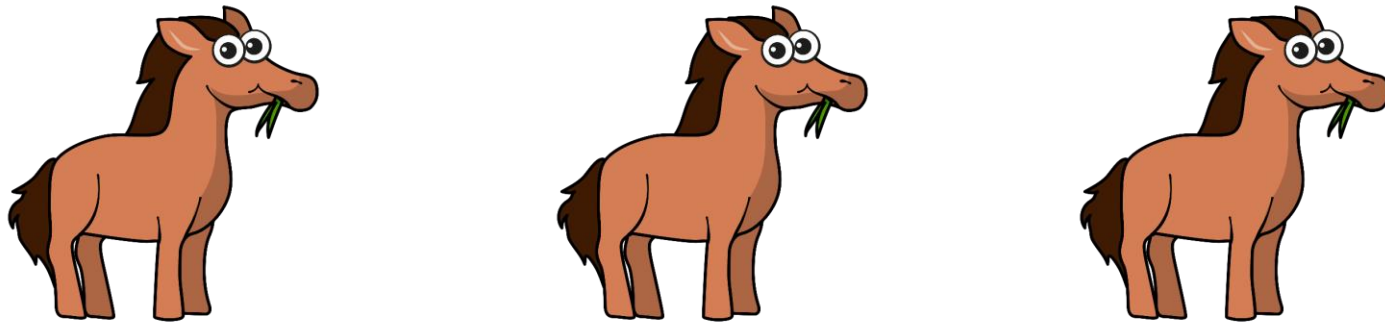


There are 8 muffins.

They are shared equally between 2
plates.

There are 4 muffins on each plate.

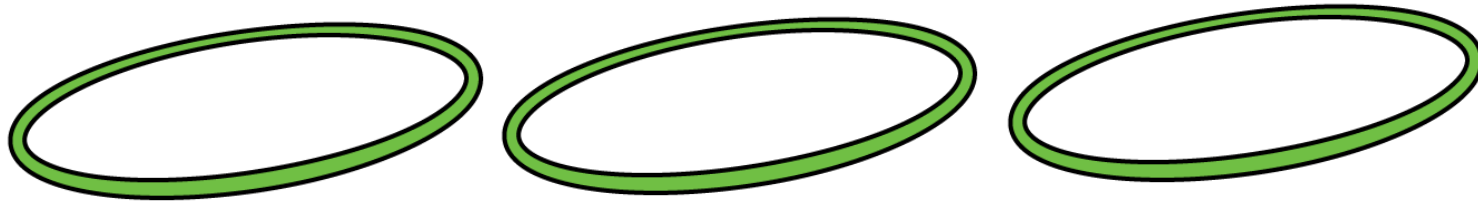
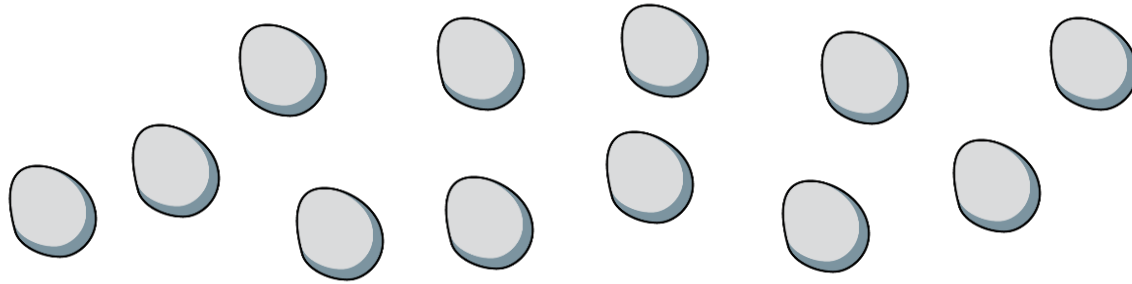
Share the apples equally between the horses.



The 9 apples are shared equally
between 3 horses.
Each horse has 3 apples.



Collect 12 pebbles.

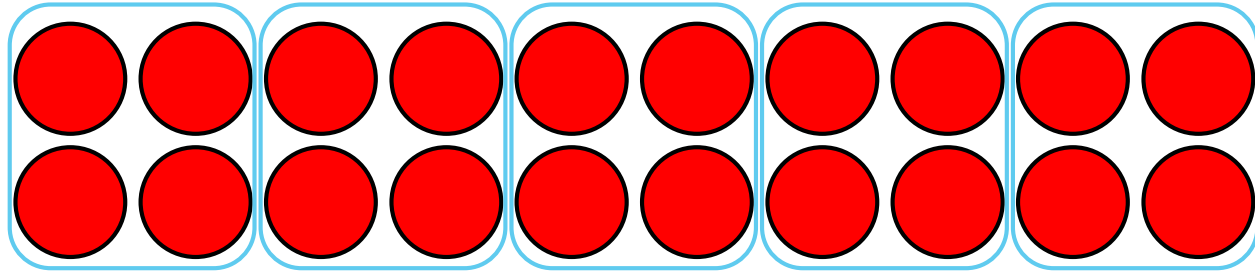


Can you put 12 pebbles equally between 3 hoops? What about 5 hoops?

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Year 2

Take 20 counters.
20 divided by 4 is equal to 5
Put them into groups of 4
 $20 \div 4 = 5$



Complete the sentences.

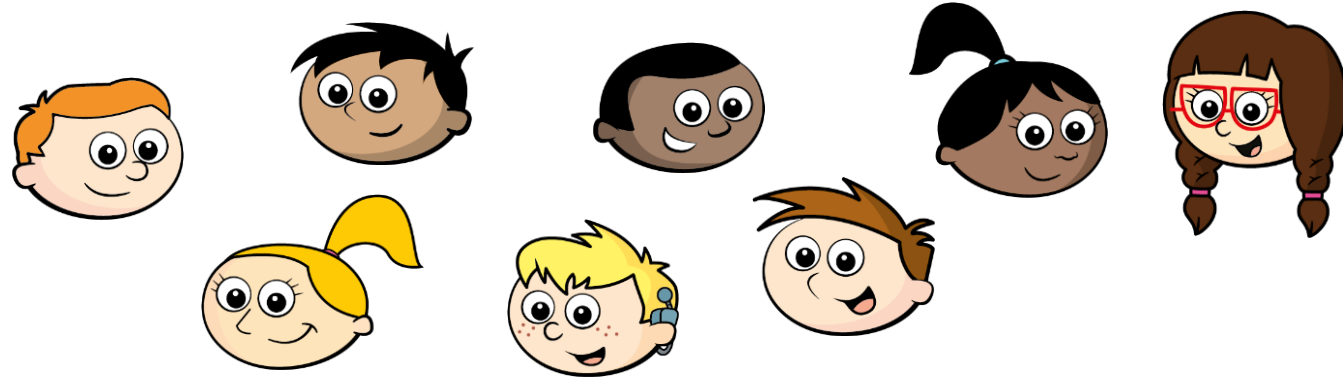
There are 20 counters altogether.

I have put them into equal groups of 4

There are 5 groups. Have a think



The children are put into teams of 4



How many teams will there be? 2 teams

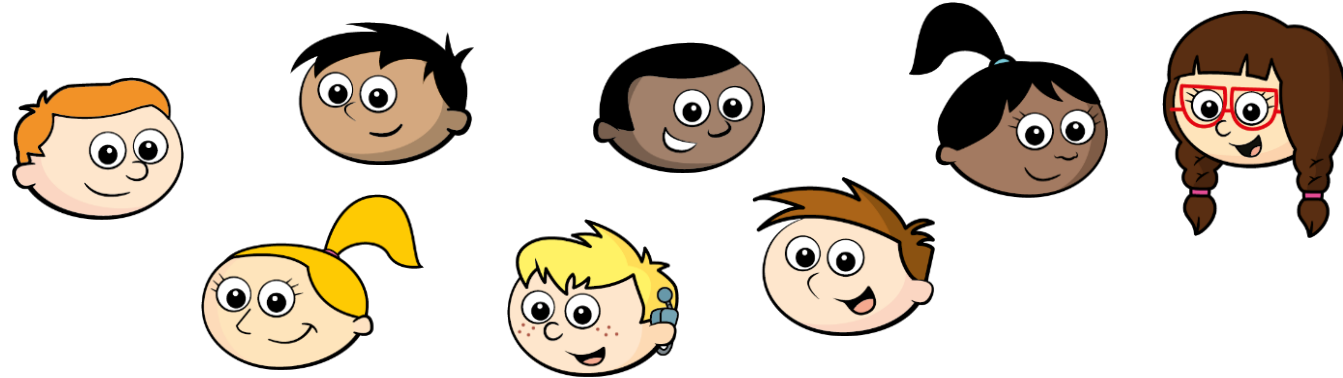
Complete the division.

$$\boxed{8} \div \boxed{4} = \boxed{2}$$

Have a think



The children are put into teams of 2



How many teams will there be? 4 teams

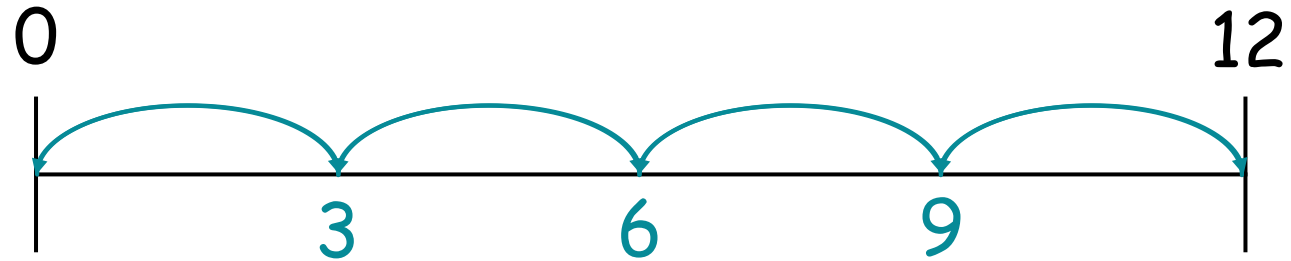
Complete the division.

$$\boxed{8} \div \boxed{2} = \boxed{4}$$

Have a think



$$12 \div 3 = \boxed{4}$$



How many groups of 3?

Have a think

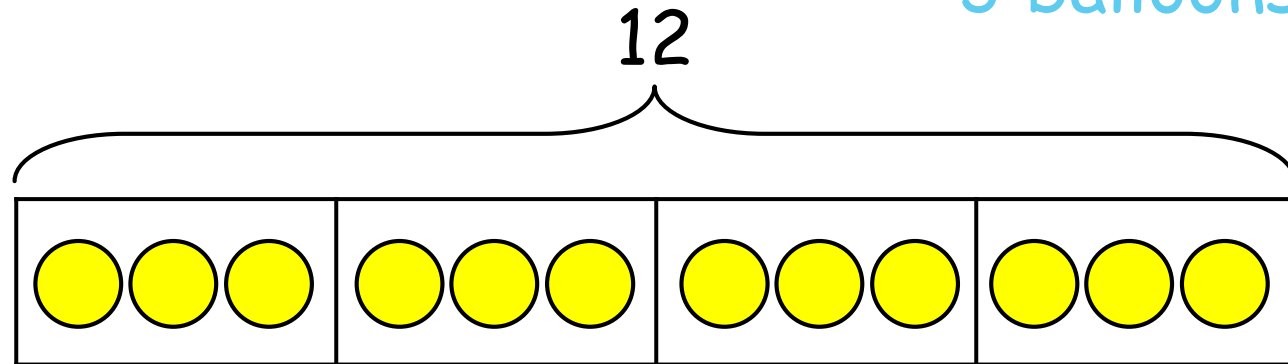


Rosie has 12 balloons.

She shares them between 4 bags.

How many balloons are in each bag?

3 balloons



Complete the division.

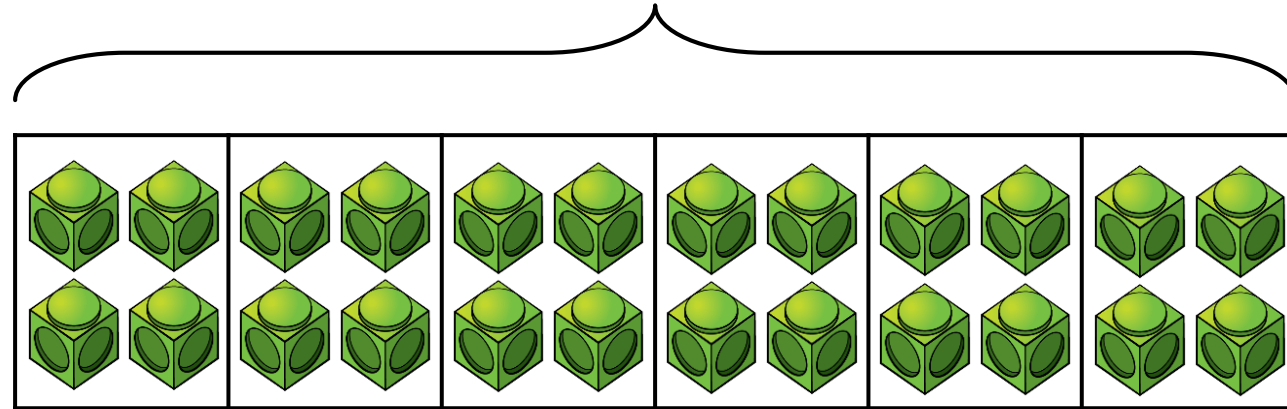
$$\boxed{12} \div \boxed{4} = \boxed{3}$$

Have a think



Share 24 cubes into 6 equal groups.

24




Complete the division.

$$24 \div 6 = 4$$

total cubes → ← amount in each group

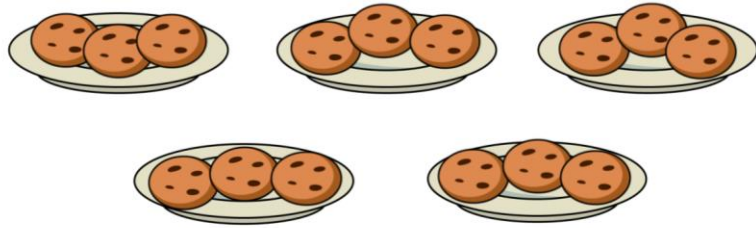
number of groups

Have a think 

There are 15 cookies altogether.

I have put them into equal groups of 3

There are 5 groups.



There are 15 cookies altogether.

They are shared into 3 equal groups.

There are 5 in each group.



Grouping

$$15 \div 3 = 5$$

total

number in
each group

number of
groups

Sharing

$$15 \div 3 = 5$$

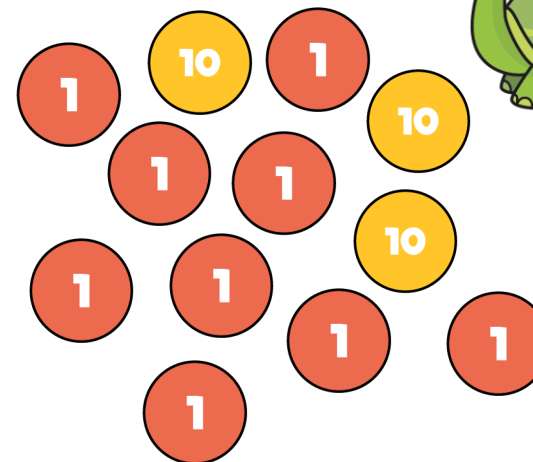
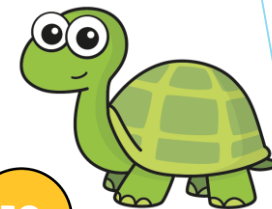
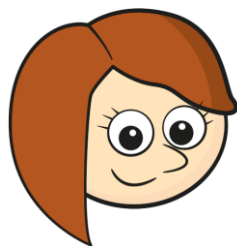
total

number of
groups

number in
each group

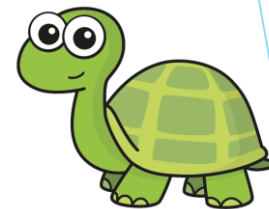
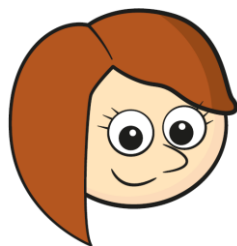
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Year 3



Tens	Ones

39 divided by 3 is equal to 13

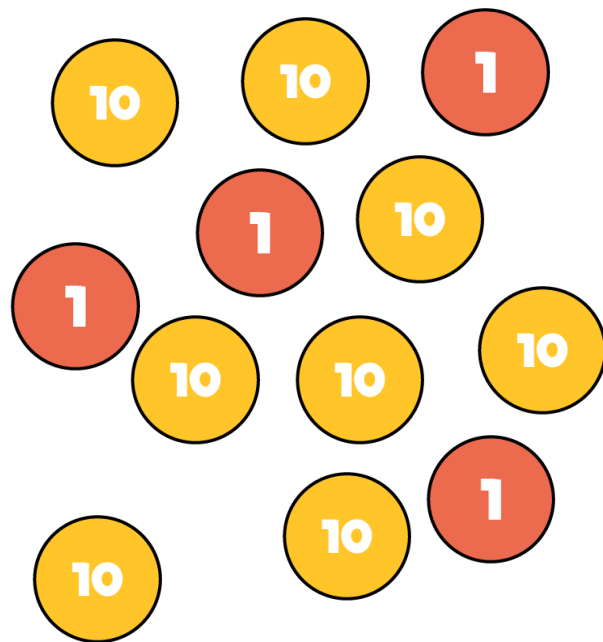


Tens	Ones
10	1 1 1
10	1 1 1
10	1 1 1

39 divided by 3 is equal to 13

$$84 \div 4 =$$

Have a think



Tens	Ones


$$84 \div 4 = 21$$

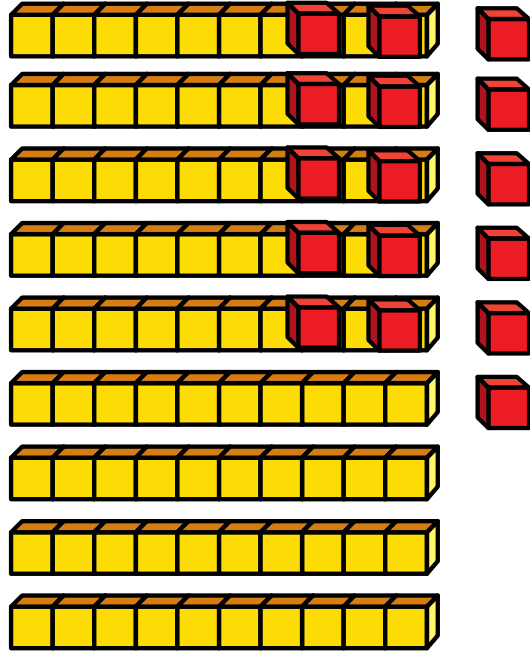
Have a think



Tens		Ones
10	10	1
10	10	1
10	10	1
10	10	1


$$96 \div 4 = 24$$

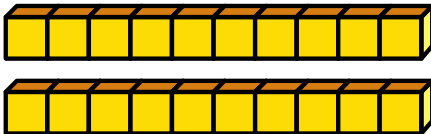
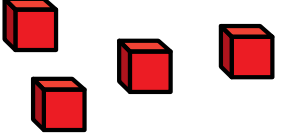
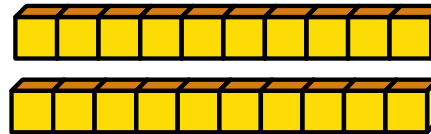
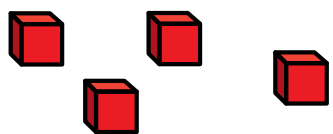
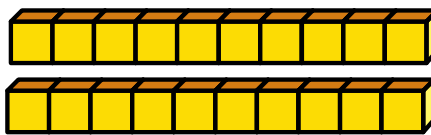
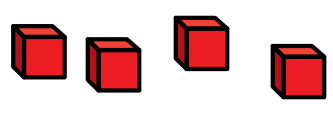
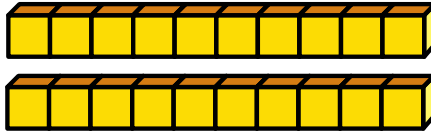
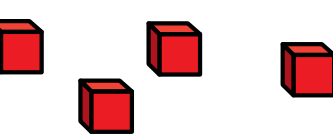
Have a think 



Tens	Ones

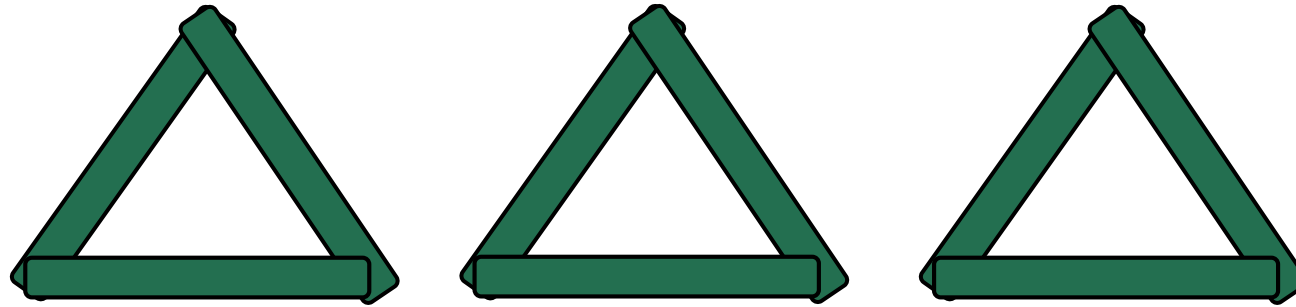
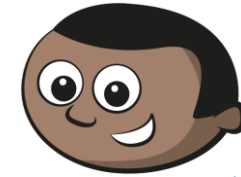
$$96 \div 4 = 24$$

Have a think 

Tens	Ones
	
	
	
	

Mo has 9 lolly sticks.

He arranges his sticks to make triangles.



Each triangle uses 3 sticks.

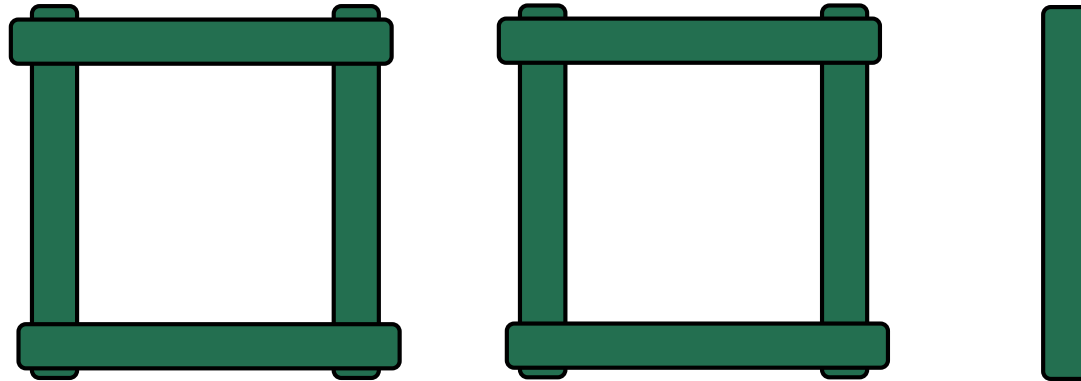
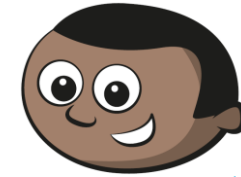
Mo can make 3 triangles with 9 sticks.

There are 3 groups of 3

So 9 \div 3 = 3

Mo has 9 lolly sticks.

What if Mo used his sticks to make squares?



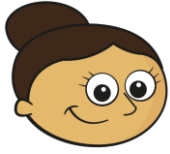
The squares use groups of 4 sticks.

There is 1 remaining with 9 sticks.

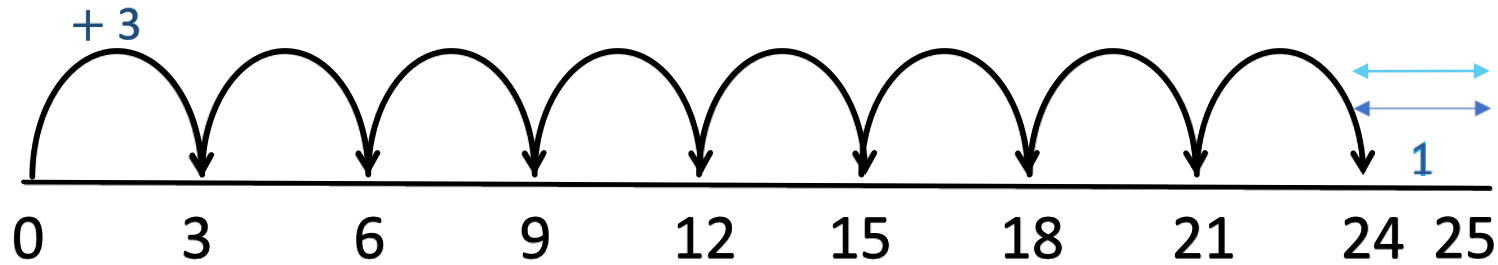
So 9 is: 4 stick 2 remain 1.

$$9 \div 4 = 2 \text{ remainder } 1$$

$$25 \div 3 = 8 \text{ r } 1$$

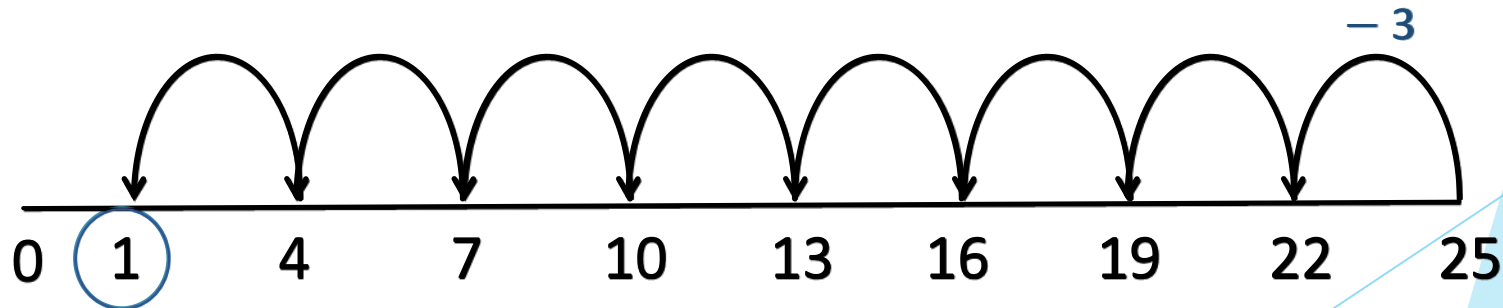


Have a think



What's the same?


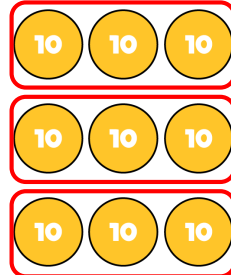
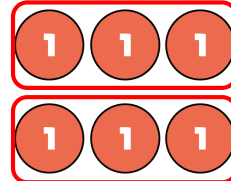
What's different?



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Year 4

$$396 \div 3 =$$

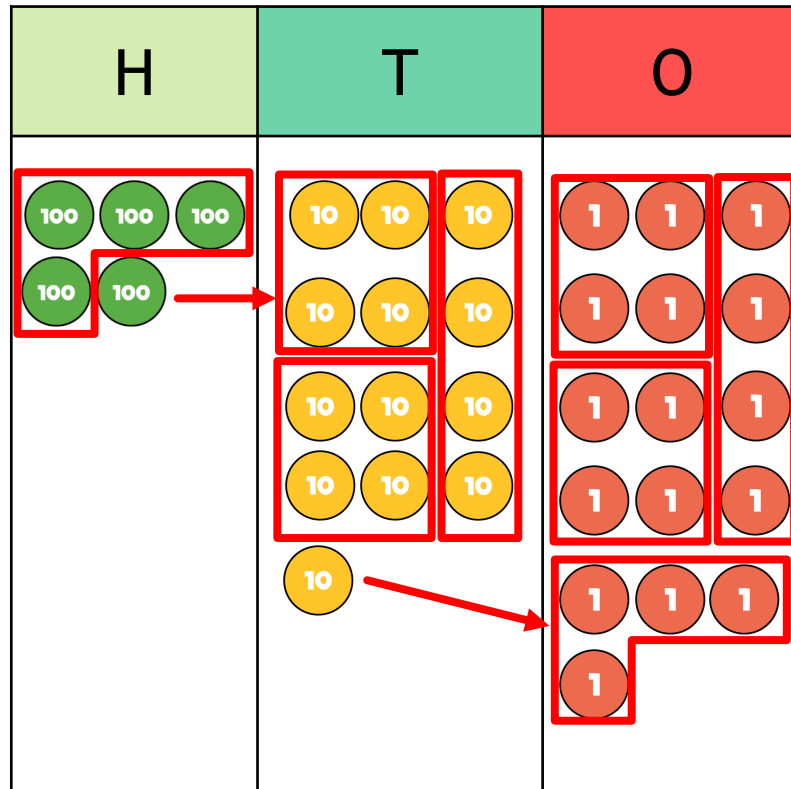
H	T	O
		

		1	3	2	
	3	3	9	6	

Have a think



$$536 \div 4 =$$



Have a think



		1	3	4	
	4	5	13	16	

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Year 5

TTh	Th	H	T	O
4	7	0	0	0

TTh	Th	H	T	O
	4	7	0	0

TTh	Th	H	T	O
		4	7	0

TTh	Th	H	T	O
			4	7

Have a think 

$$47,000 \div 10 = 4,700$$

$$47,000 \div 100 = 470$$

$$47,000 \div 1,000 = 47$$

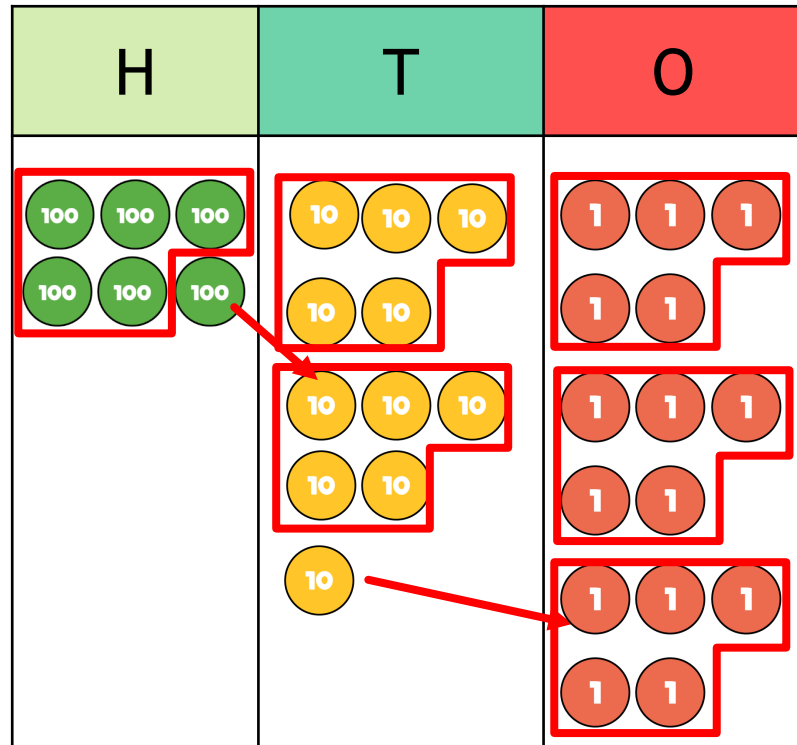
What stays the same? What changes?

Have a think



- 1) To divide a number by **10** each digit moves **1** to the right on a place value grid.
- 2) To divide a number by **100** each digit moves **2** to the right on a place value grid.
- 3) To divide a number by **1,000** each digit moves **3** to the right on a place value grid.

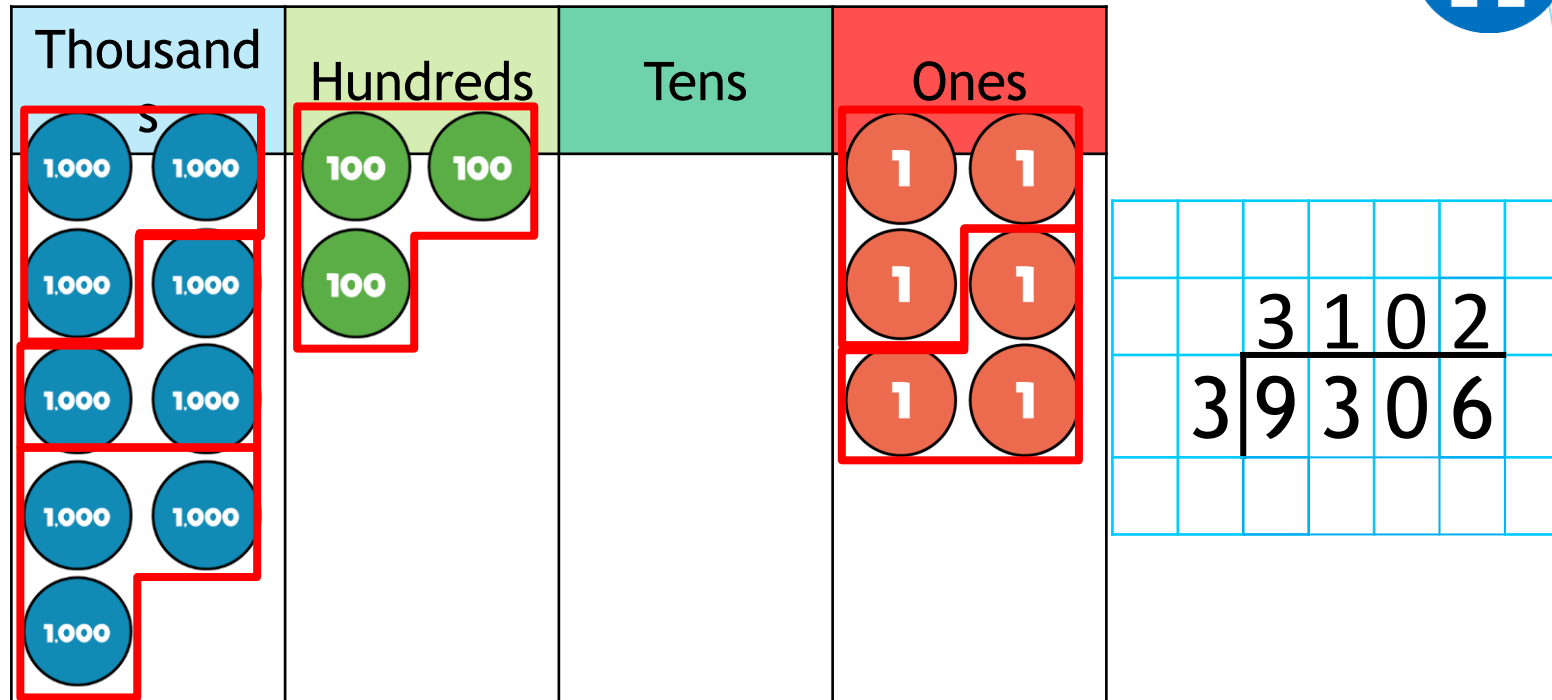
$$615 \div 5 =$$



		1	2	3	
	5	6	11	15	

$$9,306 \div 3 = 3,102$$

Have a think



There are 3 groups of 3 thousands.

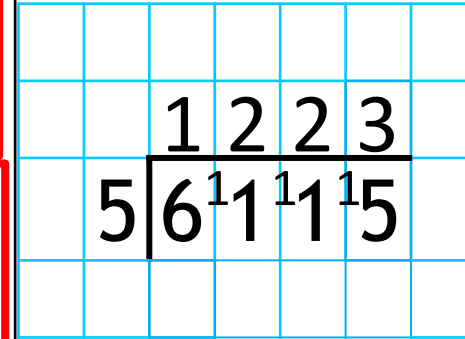
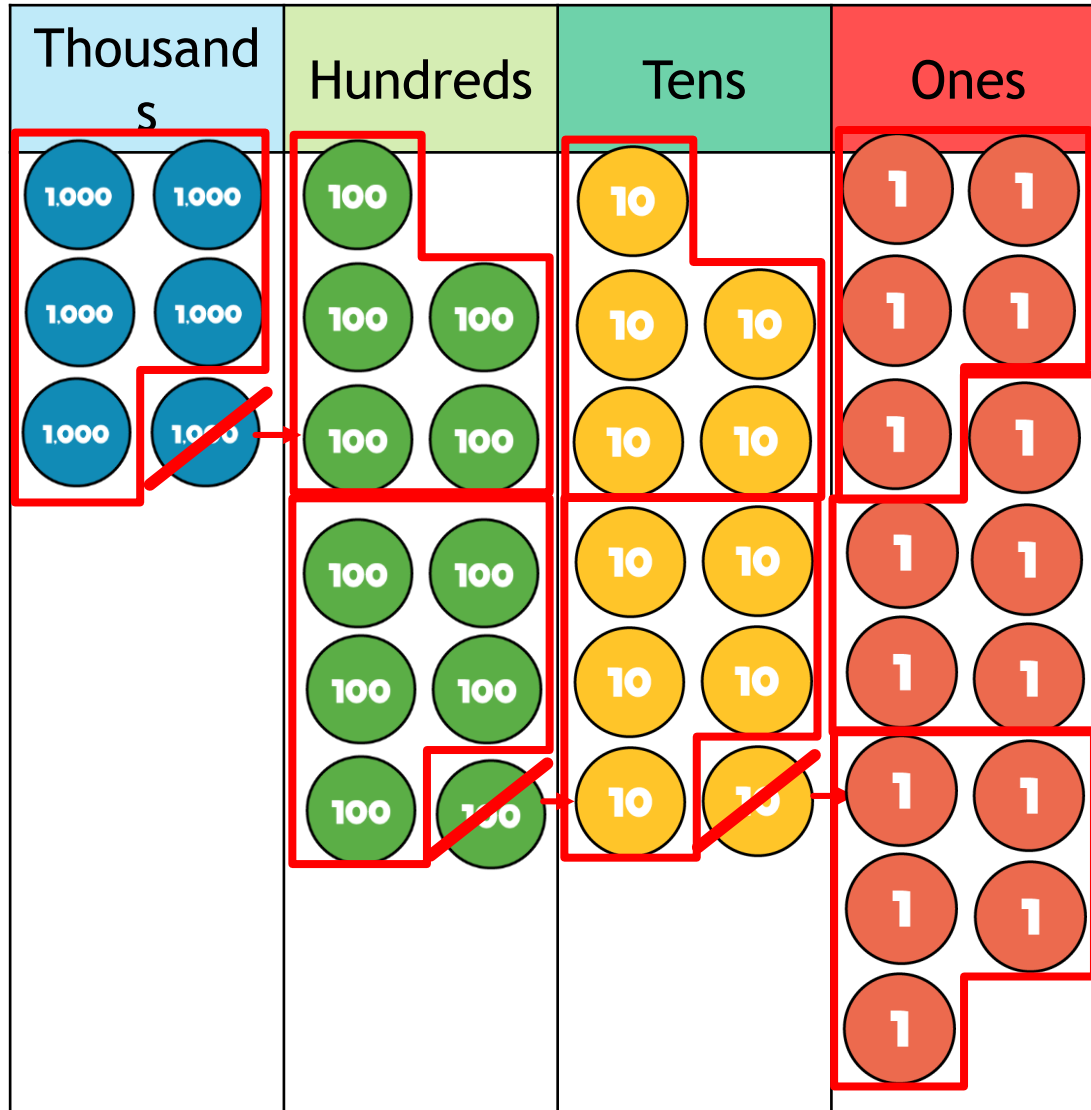
There is 1 group of 3 hundreds.

There are 0 groups of 3 tens.

There are 2 groups of 3 ones.

$$6,115 \div 5 = 1,223$$

Have a think



$$5,291 \div 4 = 1,322 \text{ r}3$$

		1	3	2	2	r3
4	5	¹ 2	9	¹ 1		

There are 349 people at a wedding.
 They are sitting at tables in groups of 8
 How many tables are needed?

		0	4	3	r5
	8	3	³ 4	² 9	

43 tables are needed.

Have a think



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Year 6

$$210 \div 10 = 21$$

Th	H	T	0	●	Tth	Hth
	● ●	●		●		
	2	1	0	●		

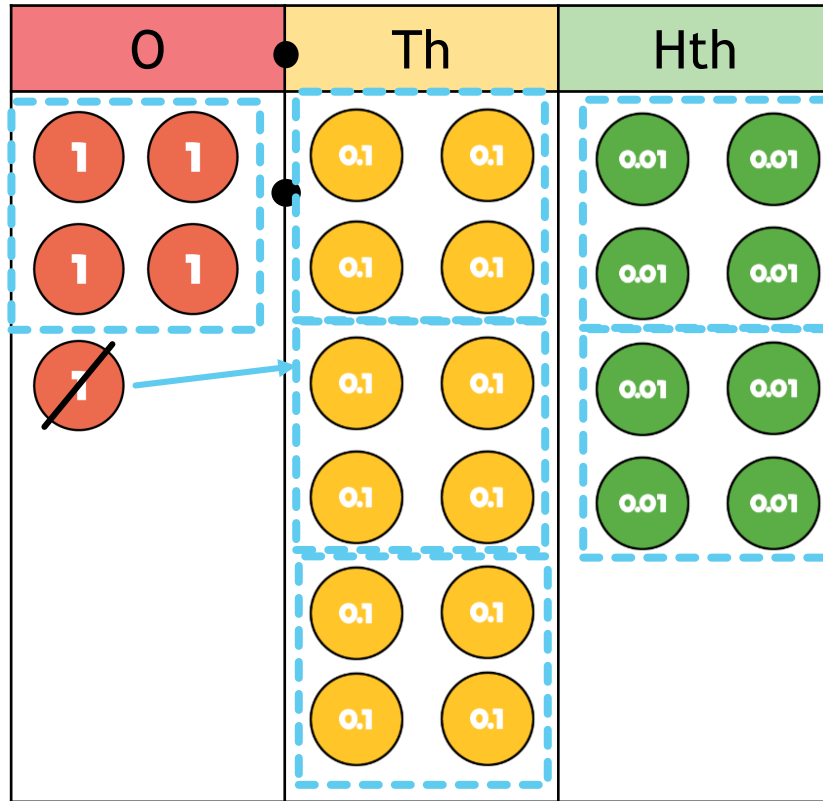
When the number is divided by 10 the counters move
___1___ place to the right.

$$210 \div 10 / 100 / 1000 =$$

Th	H	T	O	●	Tth	Hth
				●		
	2	1	0	●		

When the number is divided by 100 the counters move _____ places to the _____.

Calculate 5.28 divided by 4



	1	3	2
4	5	2	8

