

Tuesday 26th January 2021

L.O: I am getting better at dividing at 5.

Today in maths we are going to be looking at dividing by 5.

To do this you will need to think about which strategy will be best to use; sharing or grouping depending on the context of the question.

You can use your knowledge of the 5 times table to help you check the answers when dividing by 5.

100 Square									
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

On the number square could you circle or colour in the multiples of 5?

What do you notice about the numbers?

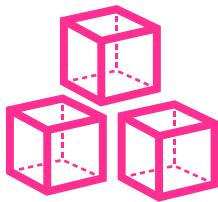
Can you explain the pattern?

How does this help you to divide the numbers?

Example

I have 30 cubes.

How many towers of 5
can you make?



You can make **6** towers
of 5.

6 towers of 5 is the
same as 30.

30 is the same as **6**
towers of 5.

40 pencils are shared
between 5 children.

How many pencils does
each child get?



Please show me your
working.

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

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.



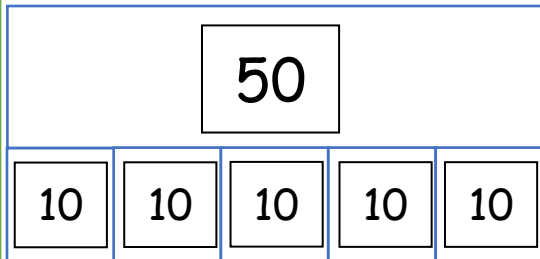
$\underline{\hspace{2cm}}$ lots of 5p = 20
one-piece coins.

$\underline{\hspace{2cm}}$ lots of 5p = 20p.

20p = $\underline{\hspace{2cm}}$ \times 5p.

20p \div 5 = $\underline{\hspace{2cm}}$

Using the bar model, can you complete the number sentences?



$$50 \div \underline{\quad} = 10$$

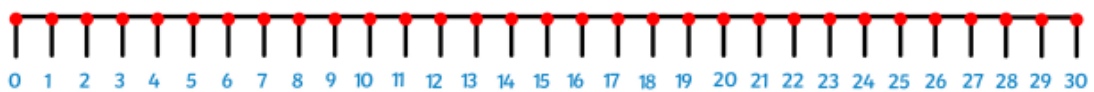
$$5 \div 10 = \underline{\quad}$$

Using the number line, can you complete the number sentences?

$$20 \div 5 = \underline{\quad}$$

$$5 \div 15 = \underline{\quad}$$

$$5 \div \underline{\quad} = 25$$



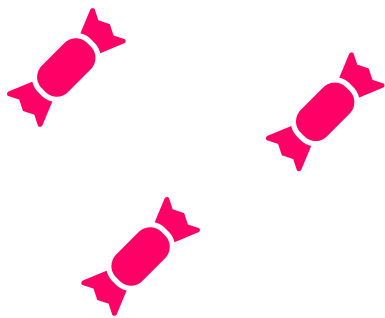
I have worked out $30 \div 5$
 $= 6$ by having 6 groups of
3 tens

Can I work out $20 \div 5$ in
the same way?

If I can, what would the
answer be?

Please show me how you
have worked it out.

I have 45 sweets.
I share them equally
between 5.
How many sweets does
each person get?

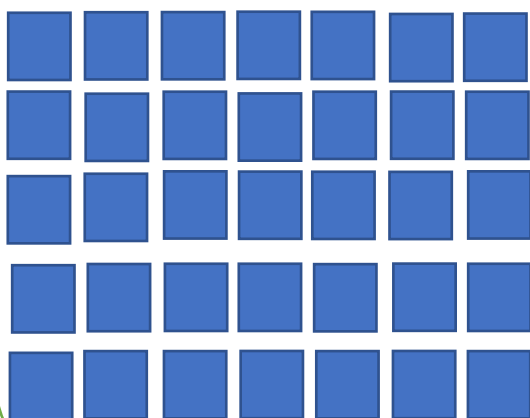


Please show me how you
have worked it out.

$$45 \div \underline{\quad\quad} =$$

How many equal groups of 5 can you make?

What would be the division sentence?



There are _____ equal groups of 5.

$$\underline{\hspace{2cm}} \div 5 = \underline{\hspace{2cm}}$$

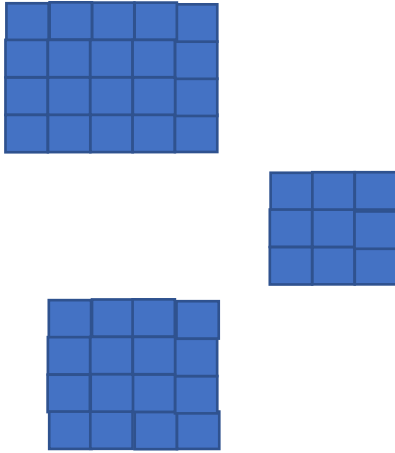
Can you identify the multiples of 5?

1 15 19
35 22 56 4 23
100 3 40 20
30 37 10 33
5 42 2 50
45 25

Please list the multiples of 5.

Extension

Which array shows
the sum $25 \div 4$?



$$25 \div 4 = \underline{\hspace{2cm}}$$

I have 50p that I am
going to share
between 5 friends.
How much will each
person get?



Please show me how
you worked this out.

Can you use the numbers to make different division sentences?

1 2 3 4

5 6 7 8

9

Use the numbers to make different division sentences.

$$\underline{\quad} 5 \div 5 = \underline{\quad}$$