

WELCOME

to today's Maths lesson

09.02.21

Dividing a 2-digit number by a 1-
digit number



09.02.21

Dividing a 2-digit number by a 1-digit number



Good morning, Year 3.

In today's Maths lesson, we are going to be using partitioning to **divide a 2-digit by a 1 digit number.**

There is no White Rose Maths video today. Please watch the video of me explaining today's lesson (link on website).

If you have any questions or would like to send in any work, please email it to:

yearthree@st-jo-st.dudley.sch.uk

Well done everyone, you are all superstars ☺

Love

Miss Robertson xxxx



Starter activities:

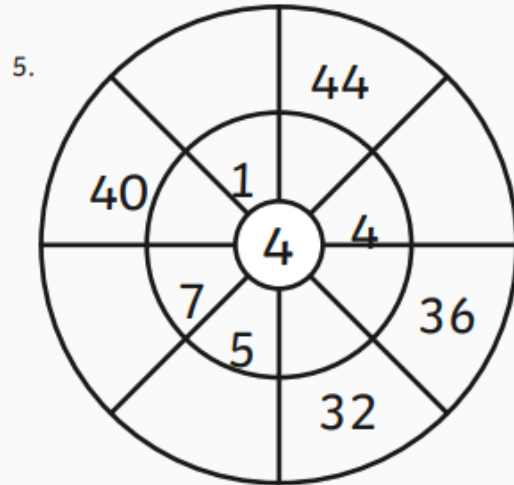
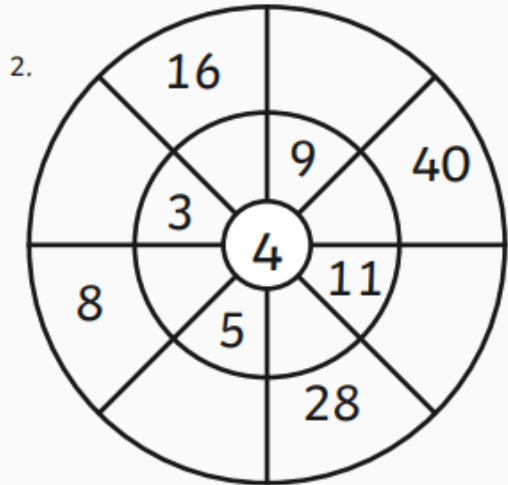
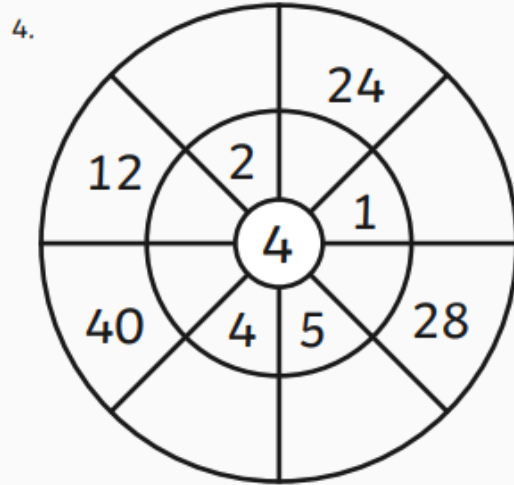
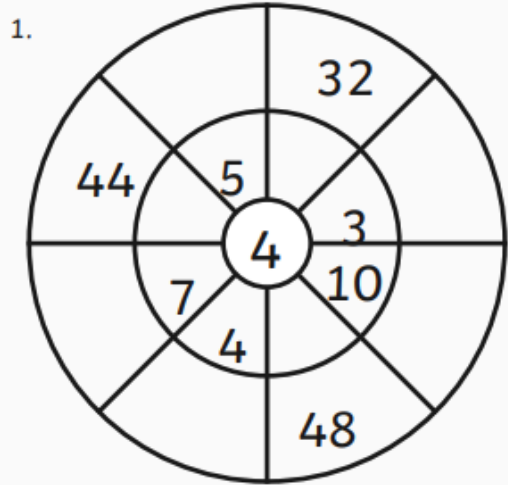
Today's Tough Ten	
1	$6 \times 5 =$
2	$= 20 - 8$
3	$100 - 40 =$
4	$= 87 - 26$
5	$67 - 28 =$
6	$80 - 47 =$
7	$66 + 25 =$
8	$\frac{3}{4}$ of $40 =$
9	$= 12 \times 5$
10	$= 27 + 24$

Today's Tough Ten	
1	$2 + 3 =$
2	$= 6 + 4$
3	$= 7 - 3$
4	$= 7 - 4$
5	$5 - 2 =$
6	$7 - 0 =$
7	$= 9 - 1$
8	$2 + 5 =$
9	$5 + 4 =$
10	$8 - 6 =$

The blue tough ten is easier than the orange 😊

Times table practise:

Practise counting forwards and backwards in 4's 😊



Remember, you can also logon to TTRS to practise too :D



Multiplication grid

Use this to help you if you need to 😊

Remember, the 4 times table is just double the 2 times table and the 8 times table is just double the 4 times table.

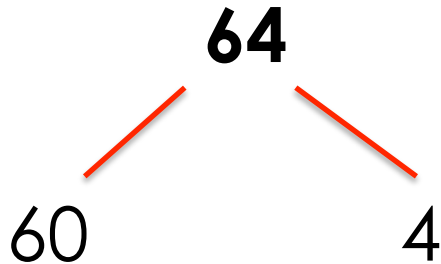
X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	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

Today, we are going to use partitioning again to help us to divide a 2-digit number by a 1-digit number.

$$64 \div 2 =$$



Partition the 2-digit number into tens and ones.



Divide the tens by the single digit.

Divide the ones by the single digit.

$$60 \div 2 = 30$$

$$4 \div 2 = 2$$

$$30 + 2 = \mathbf{32}$$

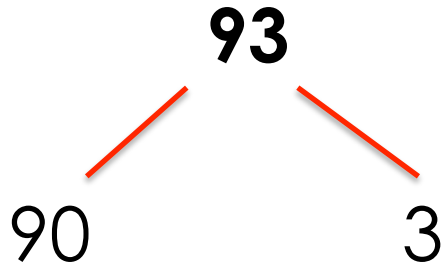
Add the two answers together.

Today, we are going to use partitioning again to help us to divide a 2-digit number by a 1-digit number.

$$93 \div 3 =$$



Partition the 2-digit number into tens and ones.



Divide the tens by the single digit.

Divide the ones by the single digit.

$$90 \div 3 = 30$$

$$3 \div 3 = 1$$

$$30 + 1 = \mathbf{31}$$

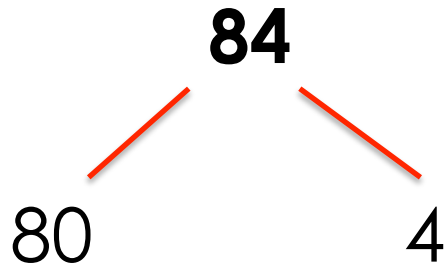
Add the two answers together.

Today, we are going to use partitioning again to help us to divide a 2-digit number by a 1-digit number.

$$84 \div 4 =$$



Partition the 2-digit number into tens and ones.



Divide the tens by the single digit.

Divide the ones by the single digit.

Add the two answers together.

$$80 \div 4 = 20$$

$$4 \div 4 = 1$$

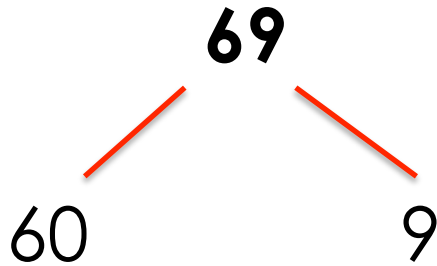
$$20 + 1 = \mathbf{21}$$

Today, we are going to use partitioning again to help us to divide a 2-digit number by a 1-digit number.

$$69 \div 3 =$$



Partition the 2-digit number into tens and ones.



Divide the tens by the single digit.

Divide the ones by the single digit.

$$60 \div 3 = 20$$

$$9 \div 3 = 3$$

Add the two answers together.

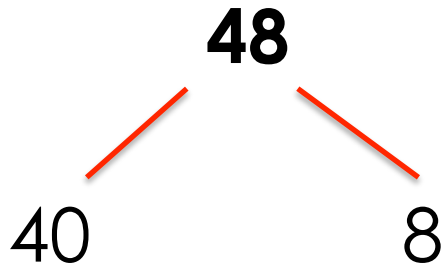
$$20 + 3 = \mathbf{23}$$

Today, we are going to use partitioning again to help us to divide a 2-digit number by a 1-digit number.

$$48 \div 4 =$$



Partition the 2-digit number into tens and ones.



Divide the tens by the single digit.

Divide the ones by the single digit.

$$40 \div 4 = 10$$

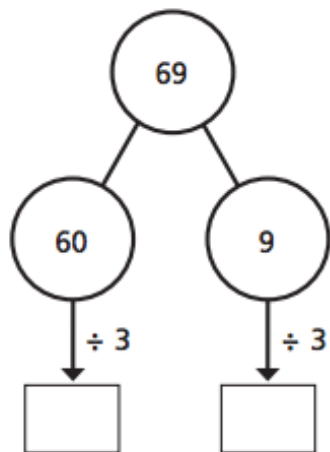
$$8 \div 4 = 2$$

$$10 + 2 = \mathbf{12}$$

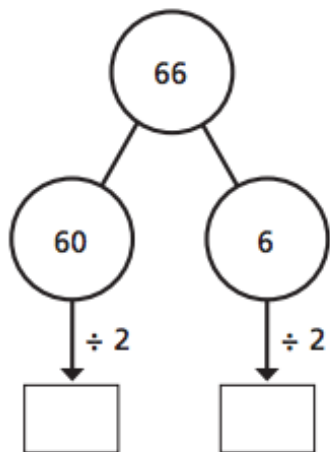
Add the two answers together.

Work out the divisions.

a) $69 \div 3 = \square$

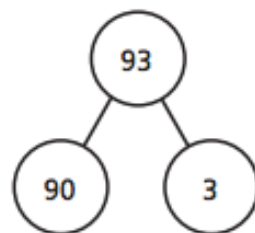


b) $66 \div 2 = \square$



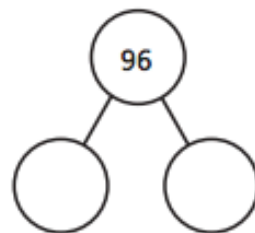
Work out the divisions.

a) $93 \div 3 = \square$



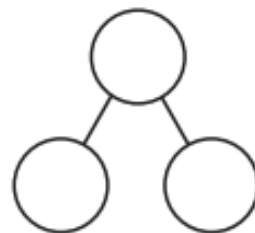
b) $82 \div 2 = \square$

$96 \div 3 = \square$



$84 \div 2 = \square$

$99 \div 3 = \square$



$86 \div 2 = \square$

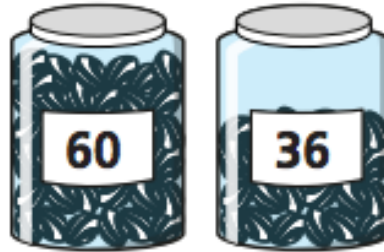
Deepen it:



Esther has 2 jars of mints.

Esther shares the mints equally
between 3 bowls.

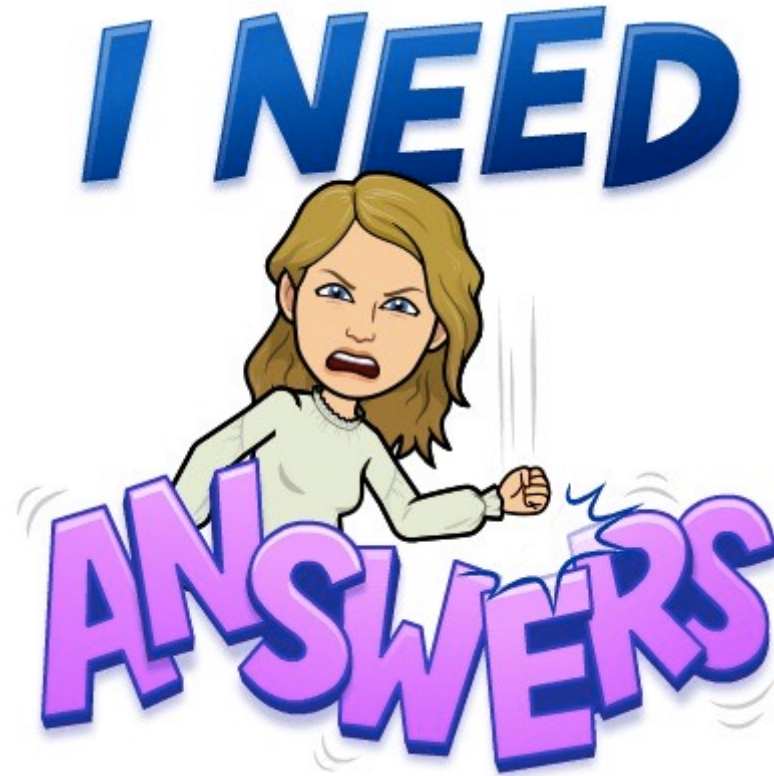
How many mints are in each bowl?



There are mints in each bowl.

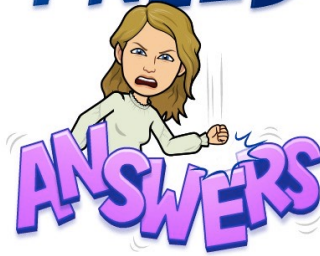
$$68 \div 2 =$$

Write a number story for this division question



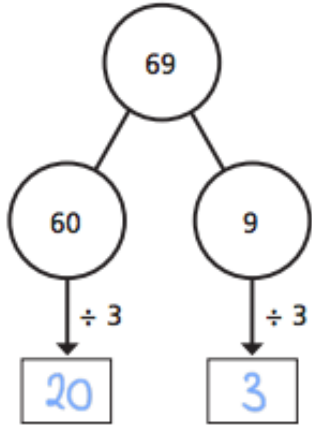
**Answers are coming up on the next slide.
No peeking until you have completed the
questions 😊**

I NEED

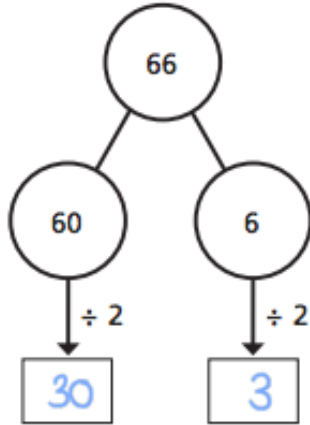


Work out the divisions.

a) $69 \div 3 = \boxed{23}$

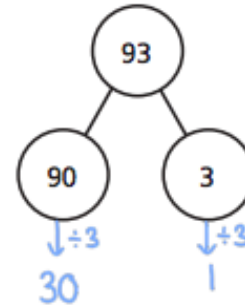


b) $66 \div 2 = \boxed{33}$



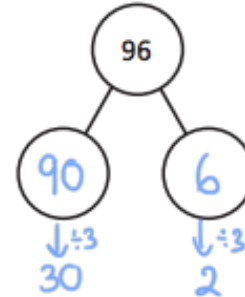
Work out the divisions.

a) $93 \div 3 = \boxed{31}$



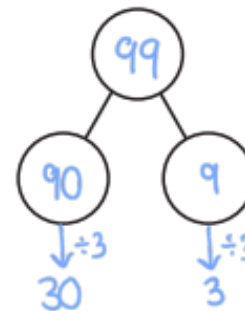
b) $82 \div 2 = \boxed{41}$

$96 \div 3 = \boxed{32}$



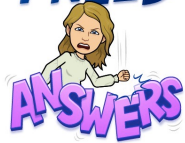
$84 \div 2 = \boxed{42}$

$99 \div 3 = \boxed{33}$



$86 \div 2 = \boxed{43}$

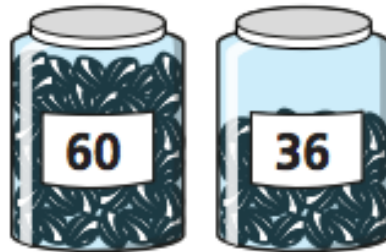
I NEED



Esther has 2 jars of mints.

Esther shares the mints equally
between 3 bowls.

How many mints are in each bowl?



$60 + 36 = 96$
There are 96 mints
altogether.
 $96 \div 3 = 32$

There are mints in each bowl.

$$68 \div 2 =$$

Write a number story for this division question

e.g. Georgia has 68 pens. She shares them equally between 2 friends. How many pens does each friend get?

Thank you for working so hard.

Please send in any photos of your work or any questions you have to yearthree@st-jo-st.dudley.sch.uk

It is always a pleasure to see all of your work.

