Year 2

Maths

Learning Pack 4

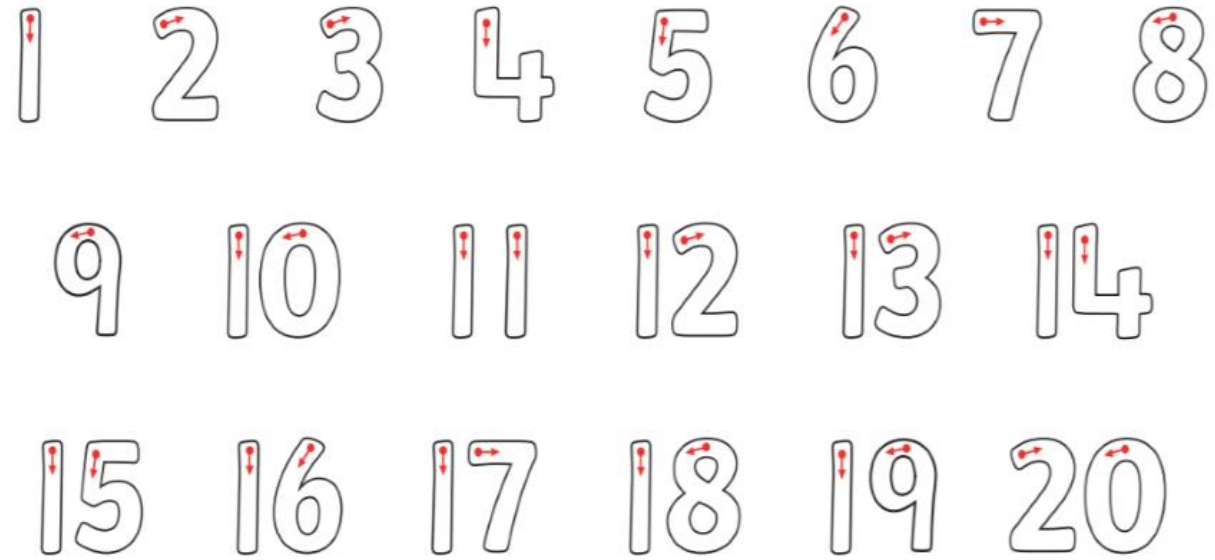
We have created a task for you to complete each day and have labelled them so you know what is being done in school. Please feel free to do more if you and your child would like to do so. We hope you enjoy the tasks we have set for you.

Here are some resources to help you:

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

Number Formation

Can you trace the numbers?



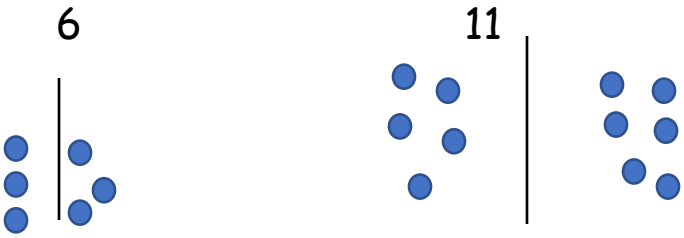
Week 1- Monday 22nd February 2021

Today we are concentrating on our knowledge of odd and even numbers. Remember even numbers can be split into two equal groups. Odd numbers cannot be shared between two groups equally.

To start and get our math's brain in gear watch this video counting in 2's. It will also help with your odd and even number recognition.

Count by 2s Song

To help you with your work it is good to draw out your number in dots into 2 groups to see if they can be split equally. Remember even numbers will split equally but odd numbers will not and will have 1 left over.



Can you colour the even numbers in green and the odd numbers in red. You may start to see a pattern emerging.

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

Put these numbers in the correct column in the table.

6	3	20
18		14
17	9	15
2		11
7	16	5

Odd	Even

Fred says that the number 15 is an even number. Is he correct? Can you draw dots to show your answer?

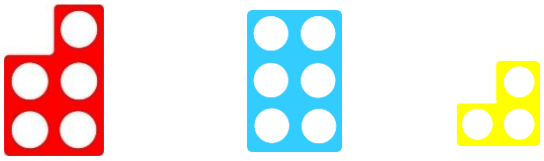
15

Sally says that when you add two even numbers together you will always get an even number answer. Is she correct? Can you show some examples to show your answer?

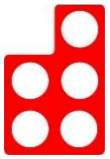
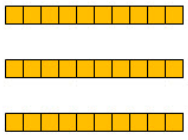
Which 2 pieces are odd?

Can you Label them and

explain why they are odd?



Spot the mistakes.

Odd	Even
7 nine 3 6    1	10 2  12 13   eight

Mistake 1 _____

Mistake 2 _____

Mistake 3 _____

Mistake 4 _____

Week 1- Tuesday 23rd February 2021- Today we will be focusing on place value and partitioning numbers into tens and ones.

Two-digit numbers are split into 10's and 1's. Have a look at these diagrams.

11

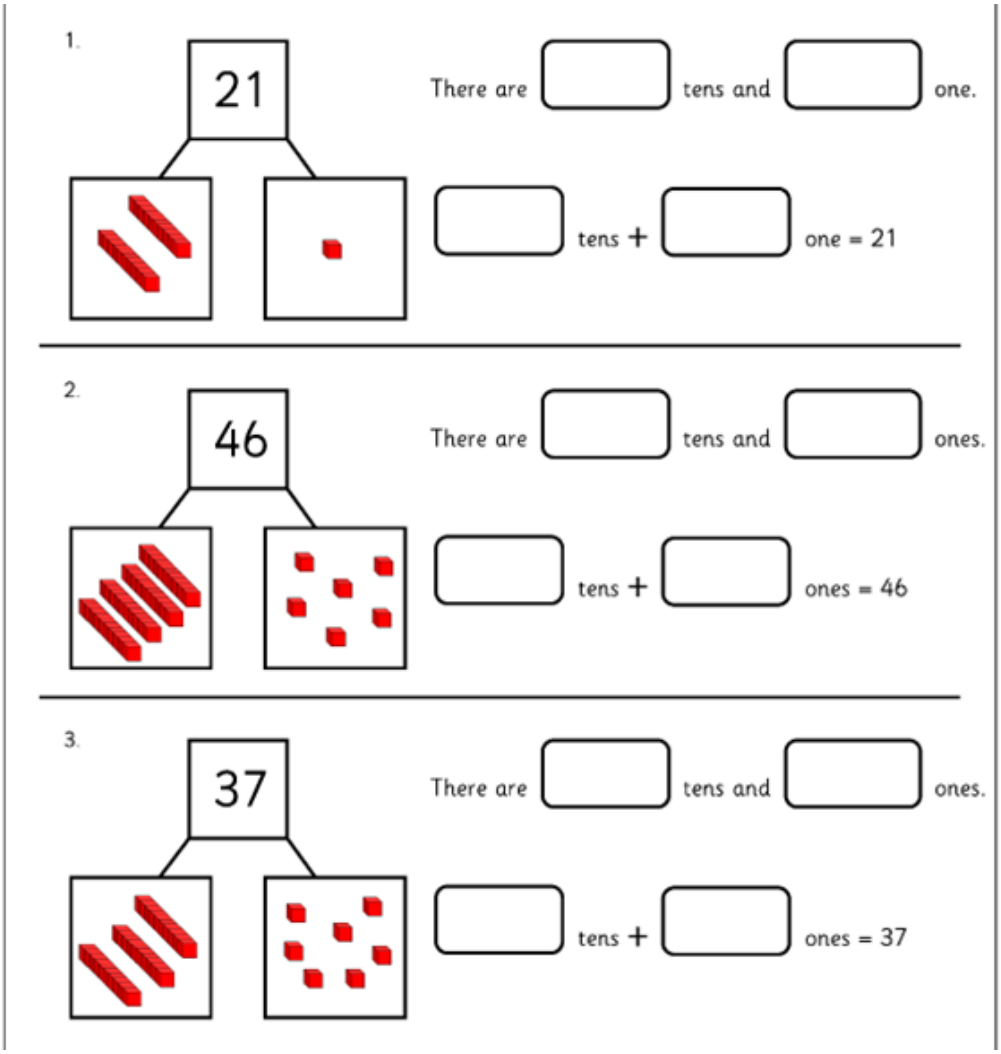
Tens	Ones
10	1

18

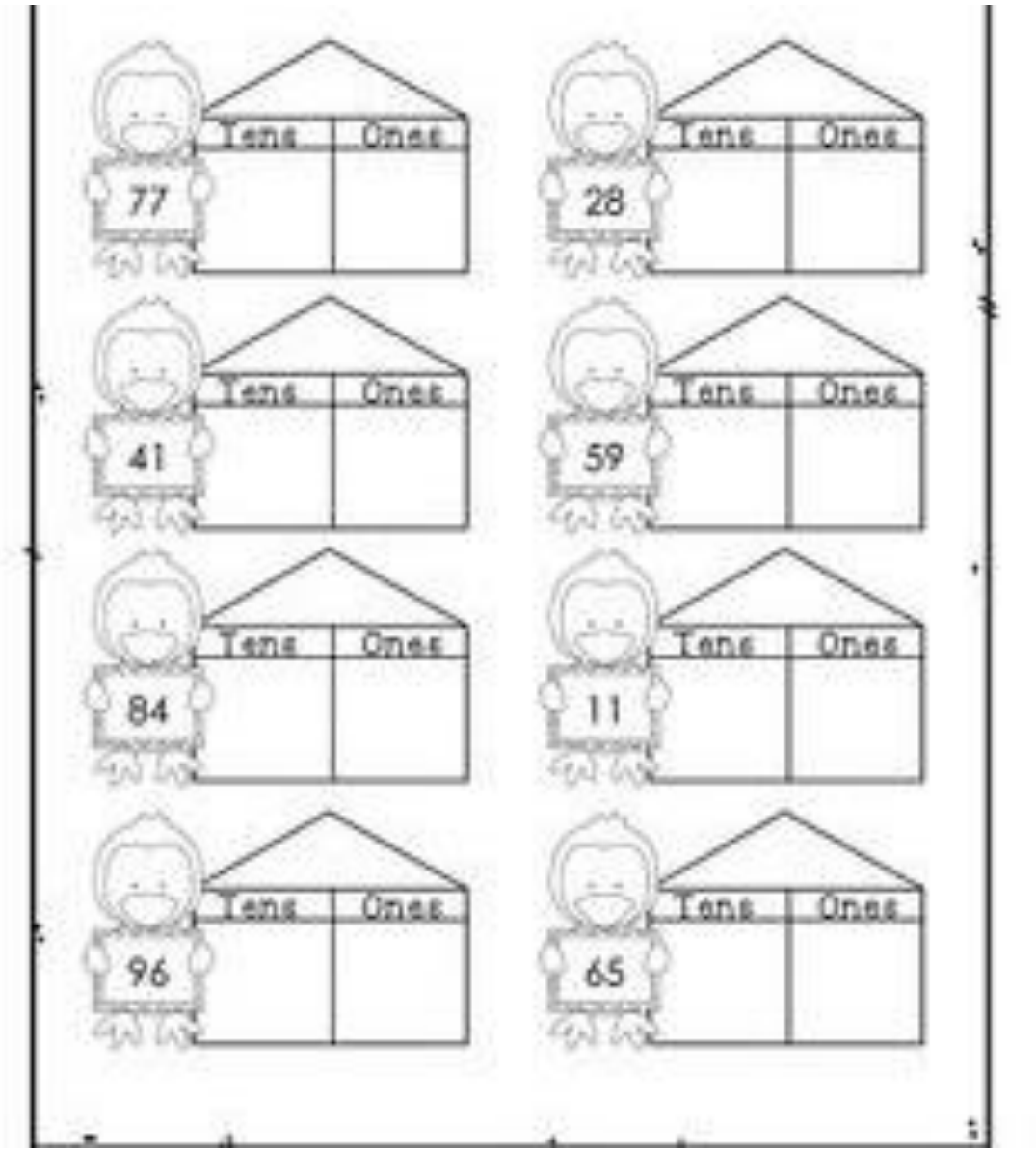
Tens	Ones
10	8

It is important to recognise that the number in the tens column is not the number 1 but it represents ten.

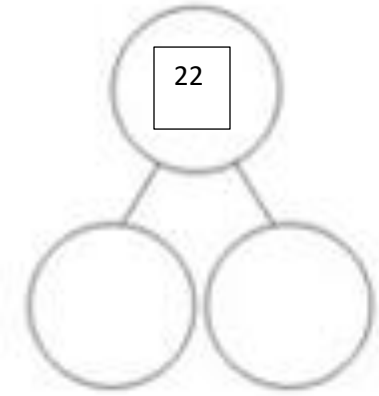
See if you can partition these numbers into tens and ones using the diagrams.

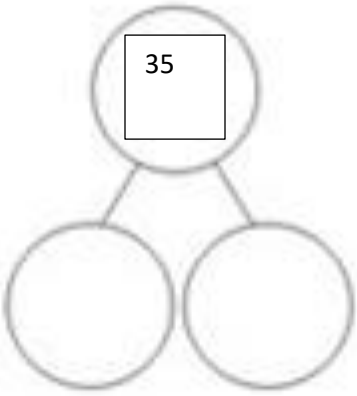


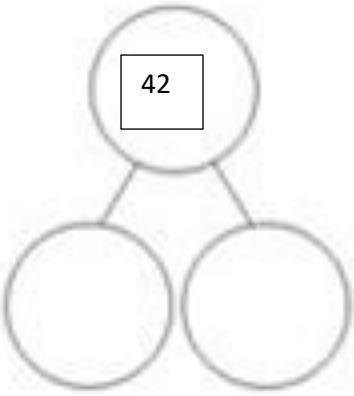
Can you put the correct number in the column?

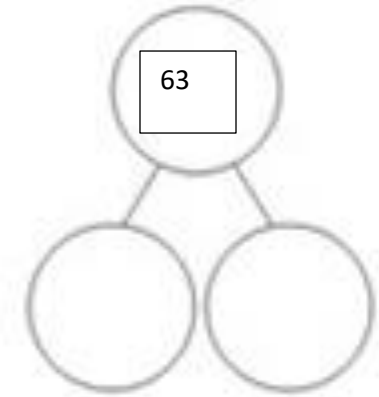


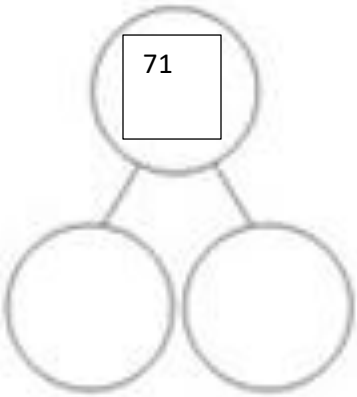
Now let's see if you can draw your own partitioning diagrams for these given numbers.

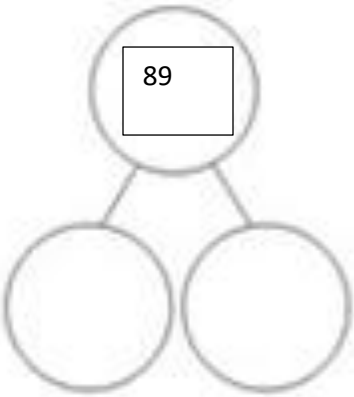




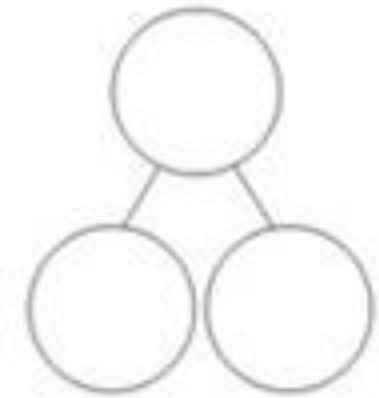


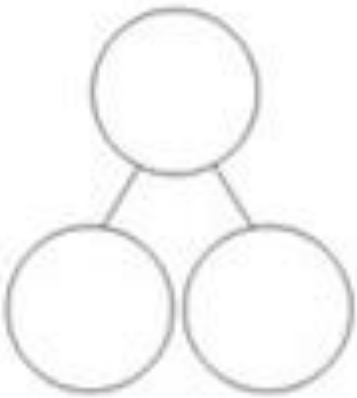


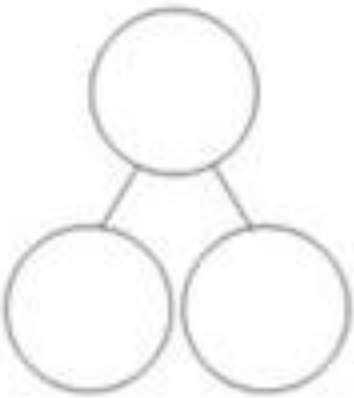




Can you choose your own number and complete the diagram to show the tens and the ones?







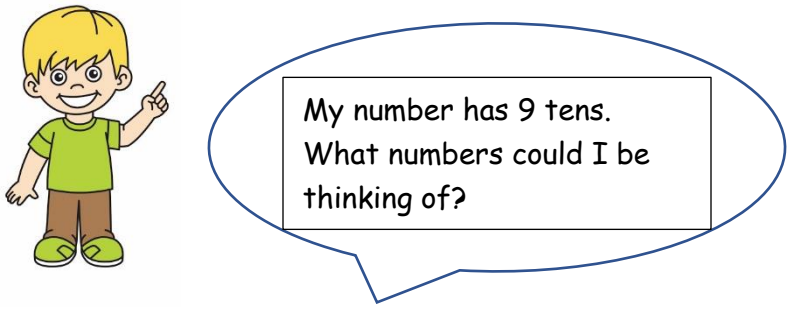
Wednesday 24th February 2021

Today we are continuing our learning about place value. See if you can solve these problems. You can draw out the number to help you.

1. Sanjay's number has seven tens and fives ones. What number does Sanjay have?

2. Isabelle's number has two tens more than Sanjay's number. What number does Isabelle have?

3. Alex says

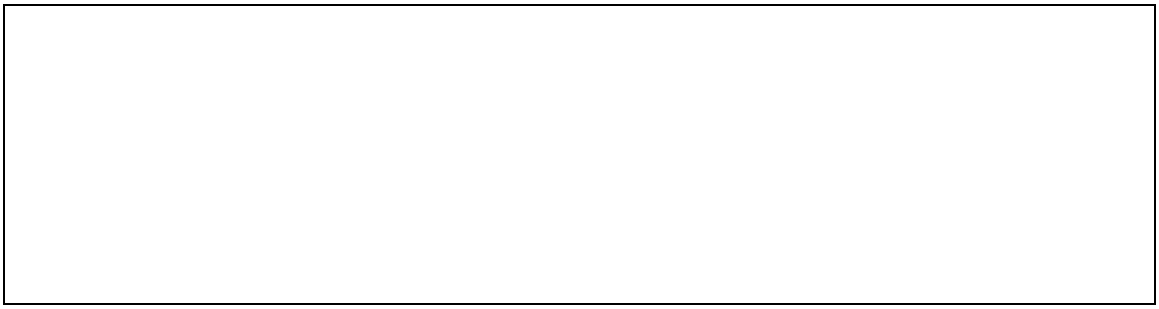


4. Can you think of some numbers which could NOT be one of Alex's?

5. Faith has 27 ones and Jessica has two tens and 9 ones. Who has the largest number? Can you prove or show your working out?

Can you draw these numbers using tens and one?

29



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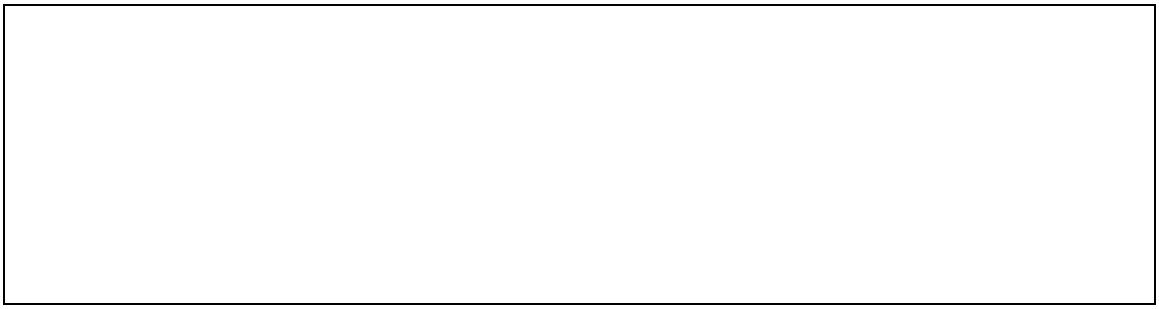
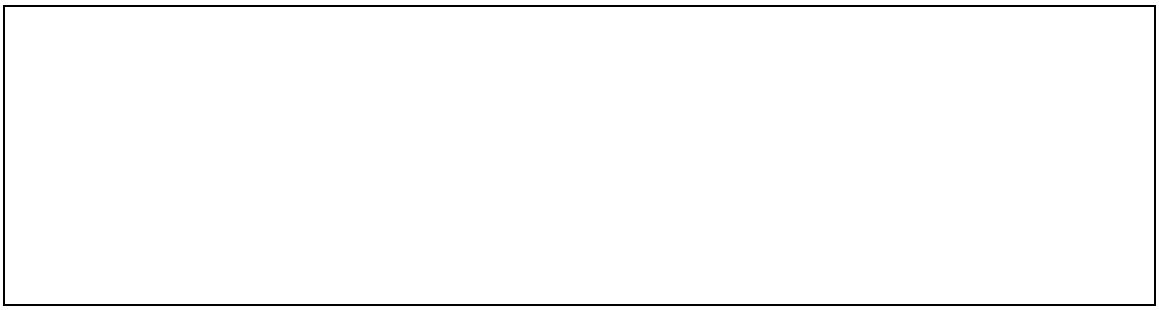


61



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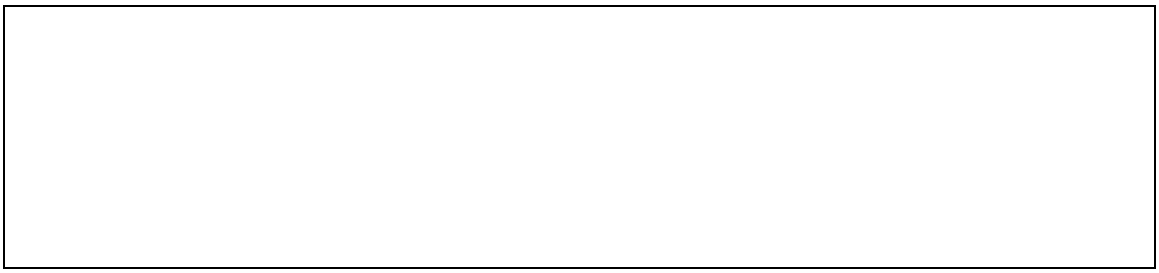


Thursday 24th February 2021

Today we are consolidating and extending our learning of counting in 2's, 5's and 10's. We will also be counting in steps of ten from any given number. See if you can practice counting in 2, 5 or 10 as quick as you can!

Can you complete these missing number sequences counting in 2's. Use your hundred square or your quick counting knowledge to help you.

2	4								

			8	10					

								18	20

			14			20	22		

	12			18			24		

Can you complete the missing number sequences counting in 5's?

1)

10		20				40	

2)

45			60		70		

3)

	65			80		90	

4)

30			45		55		

5)

	70			85			

6)

		30					55

7)

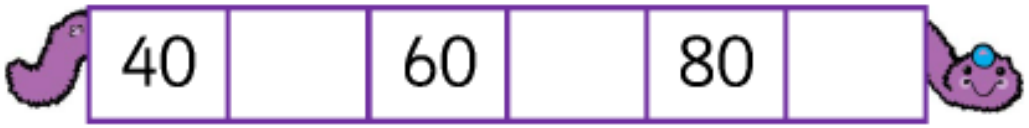
	45					70	

8)

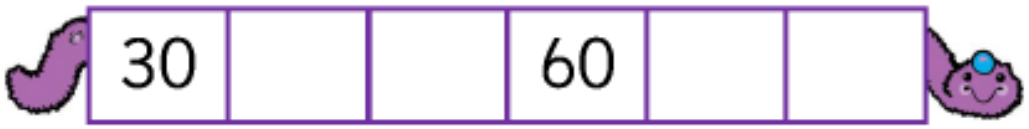
			75			90	

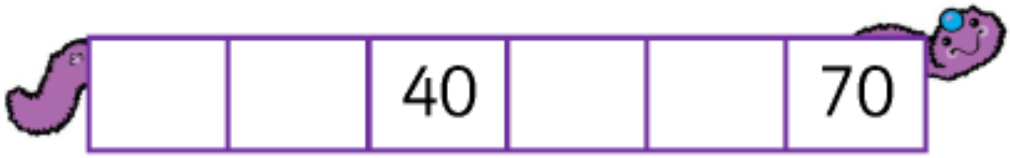
Can you complete the missing number sequences counting in 10's?

1. 

2. 

3. 

4. 

5. 

Can you complete these counting from 10's sheets counting on in 10 from any given number? Use your hundred square to help you and look carefully at the number in the ones column.

1) Count on

27	37		57			87	

2) Count on

	13	23			53	63	

3) Count back

92	82		62			32	

4) Count back

	80			50	40		20

5) Count on

11		31			61	71	

6) Count back

	88		68	58			28

7) Count on

	36		56			86	

8) Count back

		54	44		24		

Friday 25th February 2021

Can you colour in all the multiples of 3. Jump along the hundred square to help if you need to.

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

Please complete these sequences

3		9		15
6		12		18
9		15		21
18		24		30
3	6			15
15		21		27

Challenge: circle the number which is not a multiple of 3

9 18 20

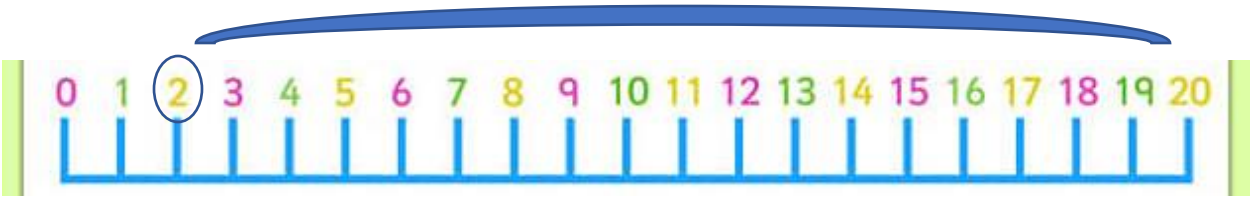
Week 2-Monday 1st March 2021

Today we are looking at number bonds to 20. Remember you can use counters, a number line or your number bond to ten knowledge also.

For example,

2+ ___ = 20

18

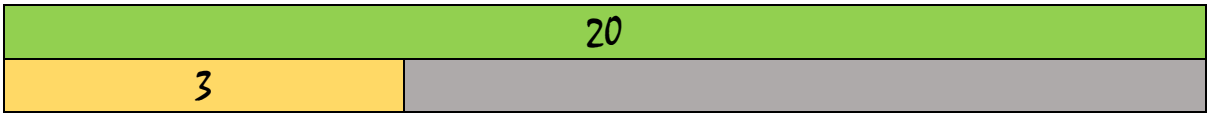


If 2+8=10 the 2+18=20

Can you complete these bar models and write the number bond to 20 addition calculation underneath?

_____

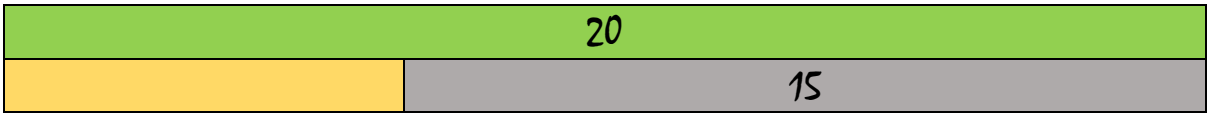
_____

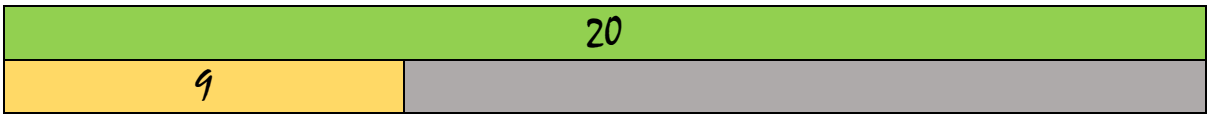


_____


20
10


20
12


20
15


20
9


20
13


20
1

Challenge: Can you complete these number bond to 20 calculations.

16+_____=20

7+_____=20

_____+ 9=20

_____+10=20

8+_____=20

20=16+_____

20=11+_____

20= _____+4

20+_____=20

17+_____=20

Challenge: can you complete this word problem and show your working and calculation underneath?

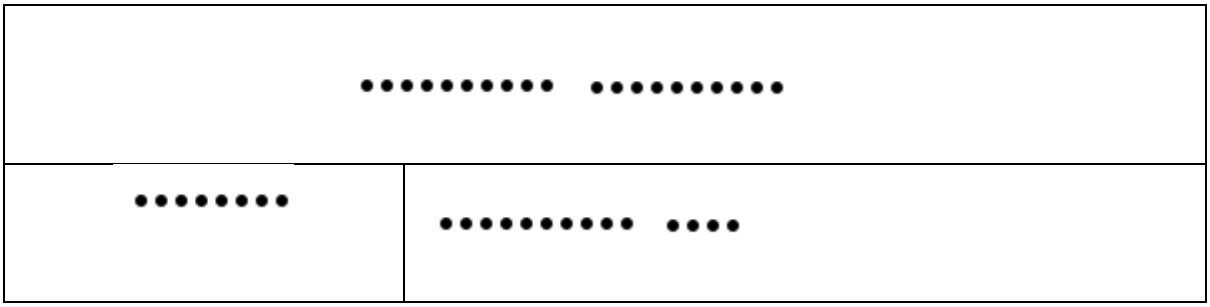
There are 20 buttons on my coat.

I have fastened 2, how many more are there to do?

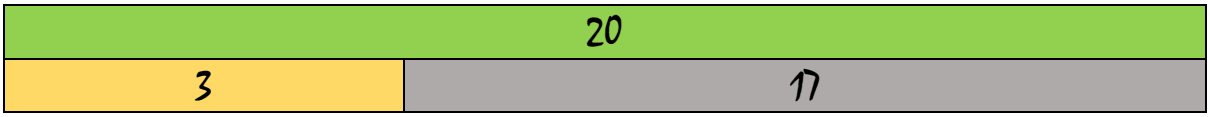
Tuesday 2nd March 2021

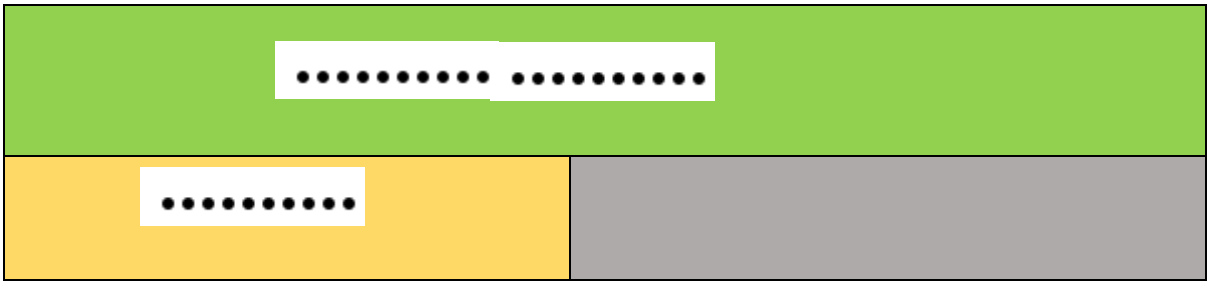
Today we are looking at addition and subtraction facts.

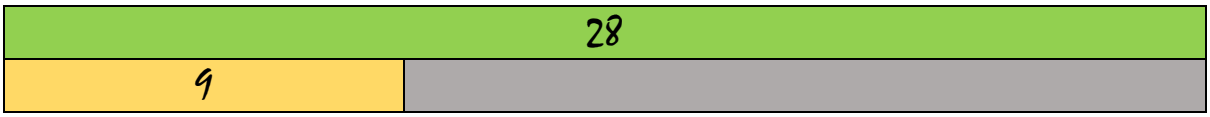
If we know that 8+12=20 then we also know that 12+8=20, 20-12=8 and 20-8=12

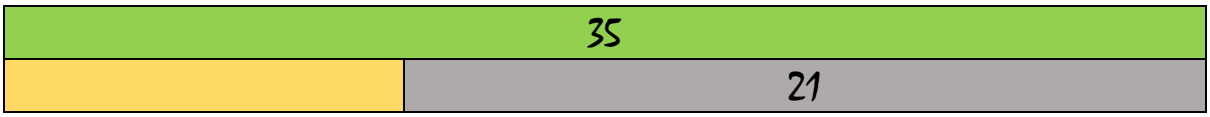


Can you use dots or a number line or your own knowledge to write the addition and subtraction facts from these diagrams?









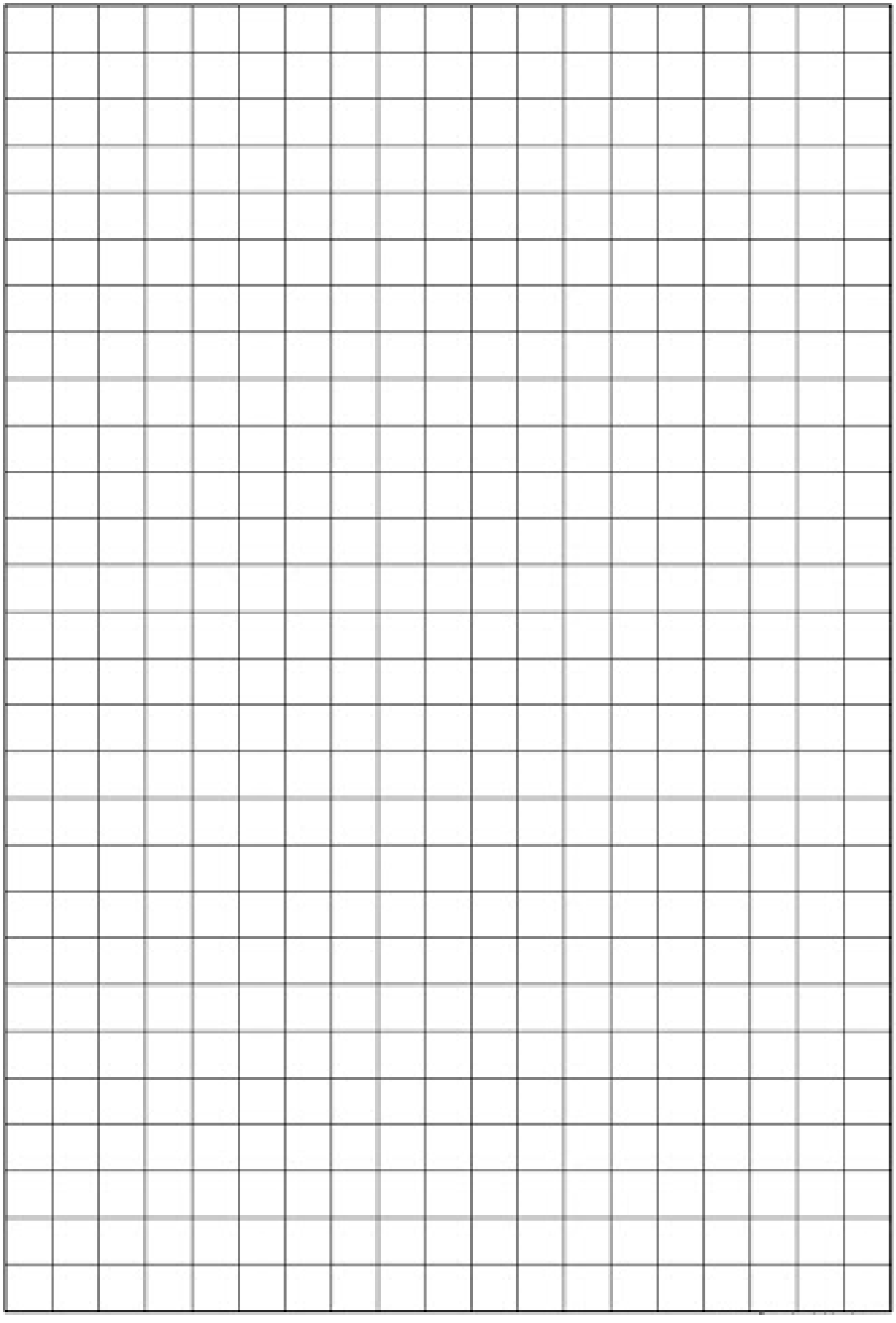
Can you solve these missing number calculations?

1. 20-____=1
2. 22-____=13
3. 27-____=16
4. 20+____=34
5. 19-____=11
6. 23+____=45
7. 32+____=0
8. 48+____=63

Wednesday 3rd March 2021

Today we are concentrating on our addition and subtraction. Use your preferred method to solve these calculations. If you would prefer to set these out in the column addition method please use the lined paper underneath.

17 + 2 =	24 - 5 =	10 + 20 =	15 + 3 =
21 - 9 =	19 - 5 =	16 - 12 =	10 + 26 =
1 + 13 =	23 - 3 =	15 - 15 =	19 - 5 =
11 + 31 =	17 + 3 =	12 + 22 =	
18 + 26 =	47 - 22 =	79 - 23 =	81 - 11 =
56 + 31 =	91 + 8 =	93 - 7 =	89 - 10 =
12 + 67 =	98 - 1 =	27 + 72 =	47 - 21 =
88 - 12 =	80 + 19 =	73 + 9 =	



Thursday 4th March 2021

Today we are going to be solving slightly more complicated missing number problems.

For example, 7=____ -9

Look carefully at the symbol to show what type of calculation you are doing. In this example the answer is seven and we need to find out what was the starting number from which we need to subtract 9 to make seven. You will need to add 9 and 7 together to find the original starting number.

10= ____+4

In addition, you will need to take the answer which in this case is 10 and subtract the number you have in the calculation which is 4. 10-4=6 so this gives us our answer. 10=6+4

Can you complete these calculations?

17=____ -9

10=____+2

25=____-4

28=____+11

36=_____-7

44=____+12

58=____-14

65=____+24

Challenge: can you work out this calculation and record the related subtracted calculations?

87=___+41

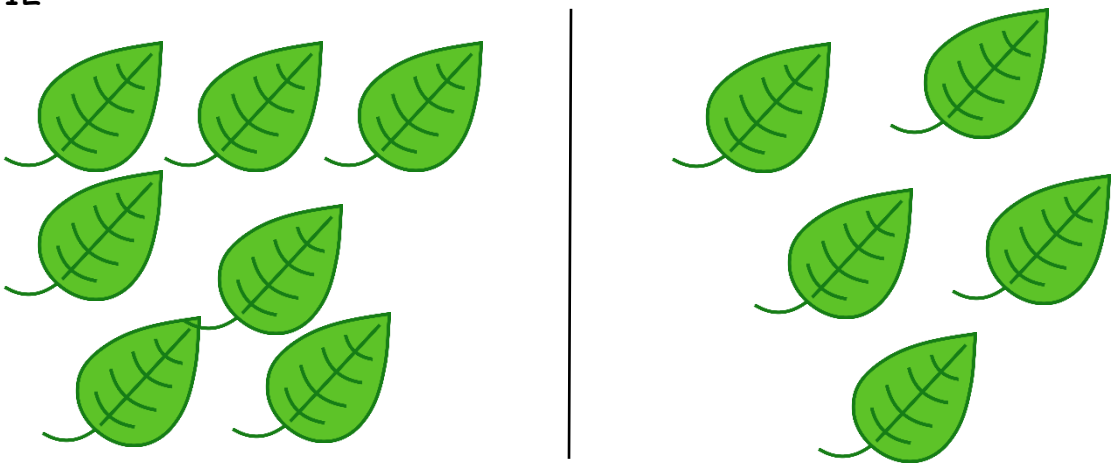
What are the related subtraction facts?

Friday 5th March 2021

Today we are going to have a practical math's day. Using counters, sticks, leaves, spoons or any object you would like can you show different ways of making these numbers and record as number sentence.

For example

12



7+5=12

5+7=12

12=7+5

12=5+7

You could carry on finding new ways of making 12 or you could choose a new number and investigate!

Try these numbers but feel free to pick your own!

10, 18, 29, 39, 42, 56,

You could also choose two types of objects and use these to represent your tens and ones and show how you can make your chosen number.