Year 1 Maths

Learning Pack 4

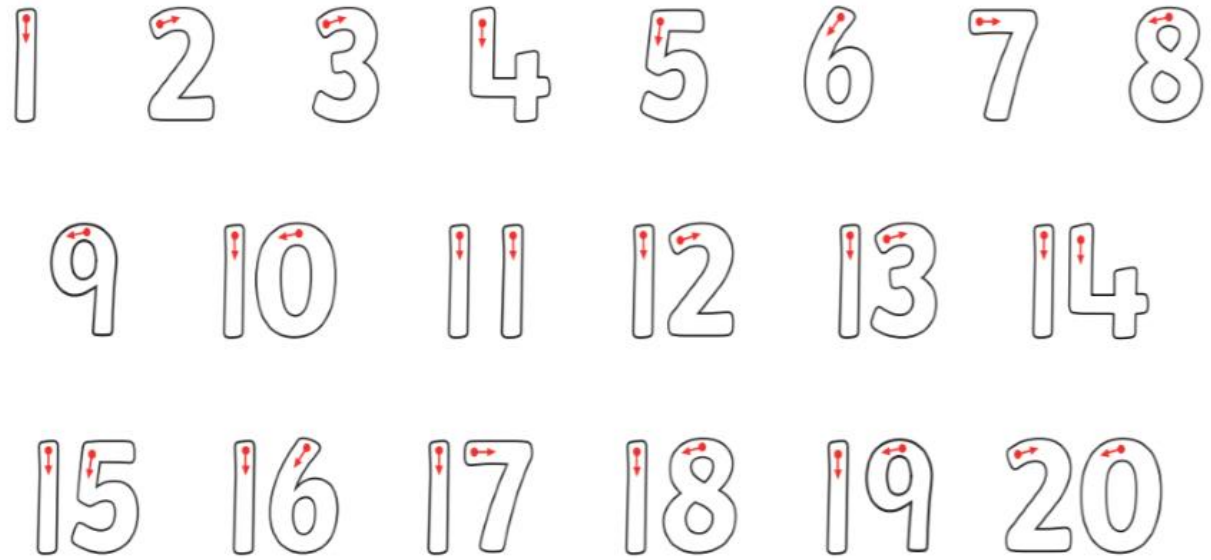
We have created a task for you to complete each day and have labelled them so you know what is being done in school. Please feel free to do more if you and your child would like to do so. We hope you enjoy the tasks we have set for you.

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?



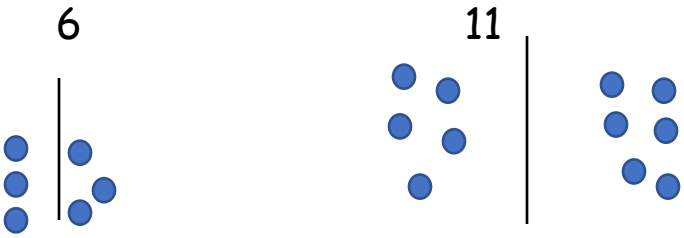
Week 1- Monday 22nd February 2021

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

Challenge: Can you answer these problems and prove your answer by explaining.

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?

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

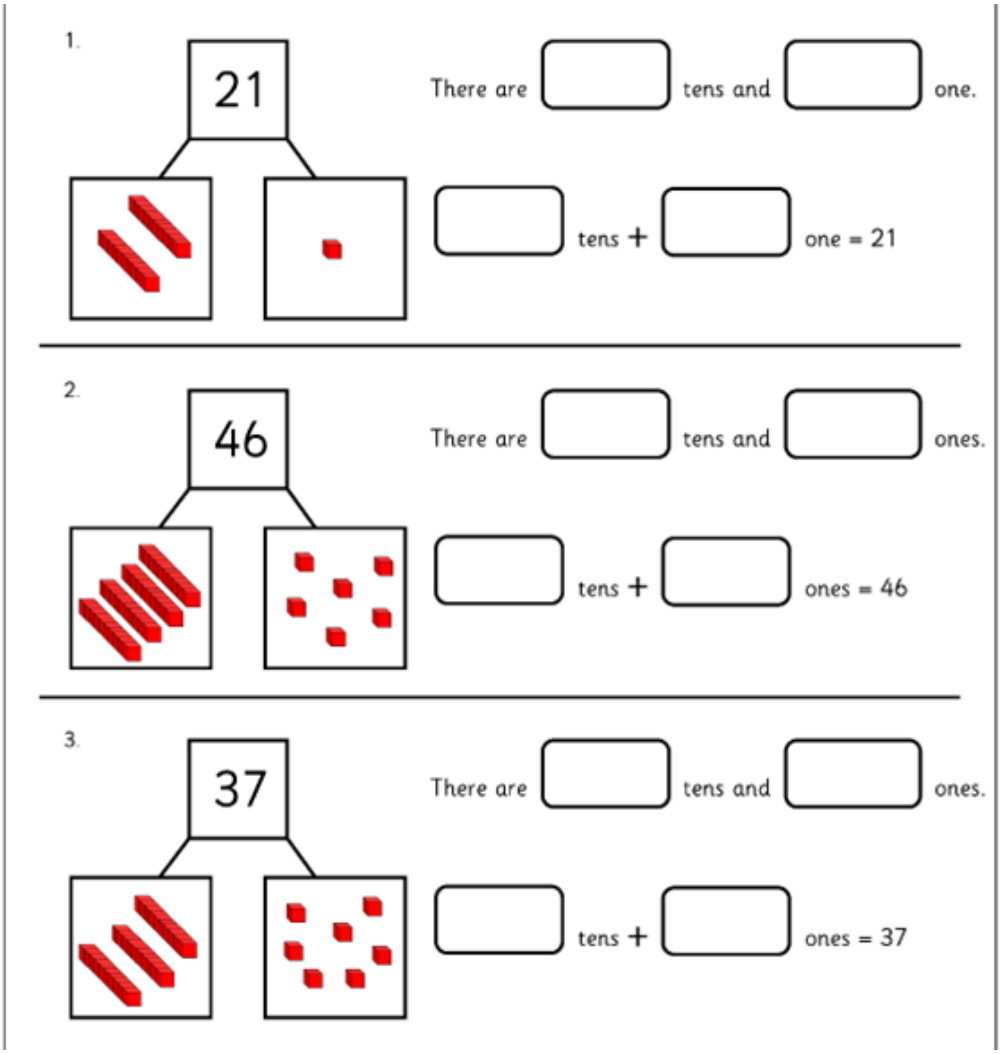
Tens	Ones
10	1

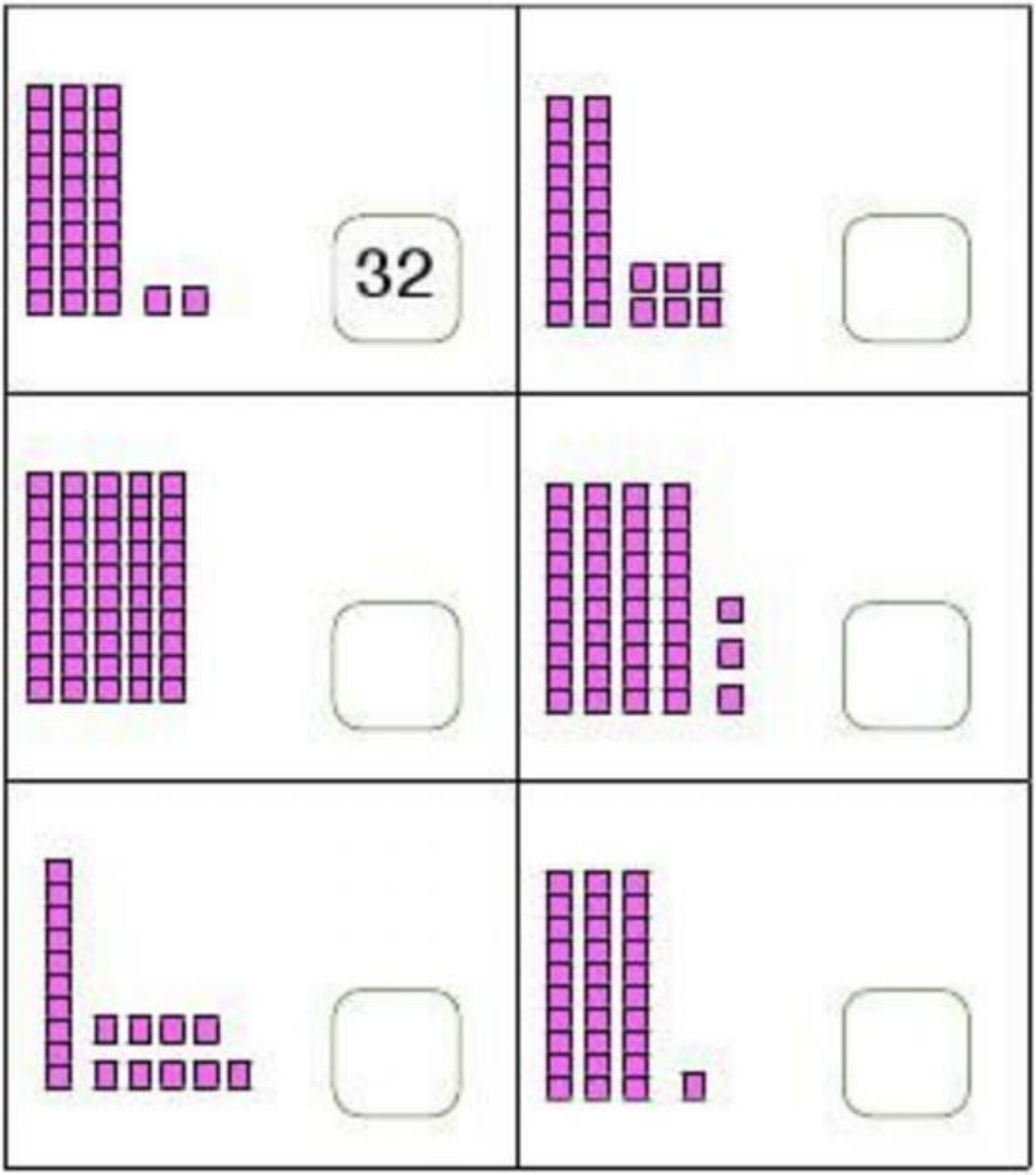
18

Tens	Ones
10	8

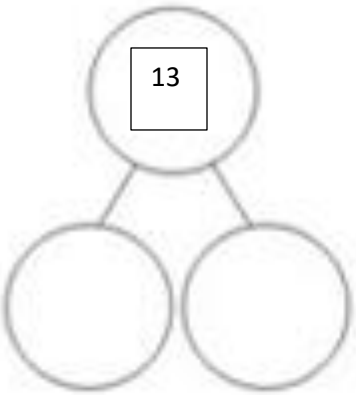
It is important to recognise that the number in the tens column is not the number 1 but it represents ten.

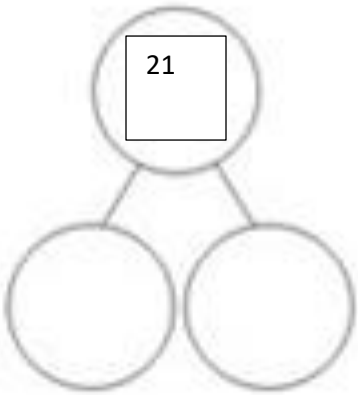
See if you can partition these numbers into tens and ones using the diagrams.

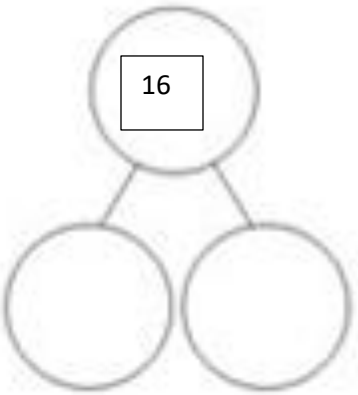


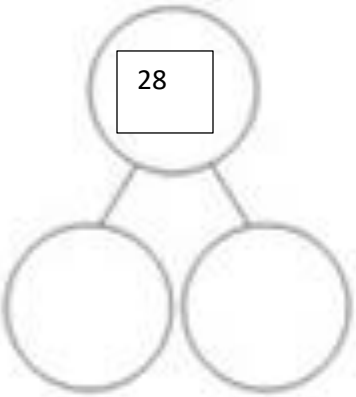

32

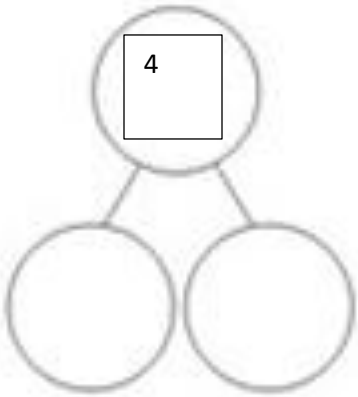
Now let's see if you can draw your own partitioning diagrams for these given numbers.

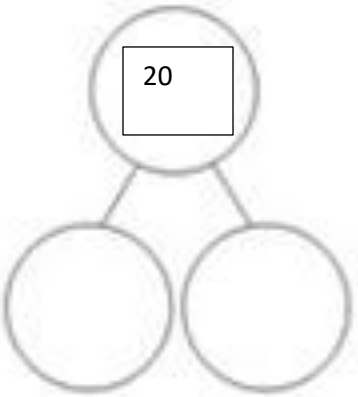




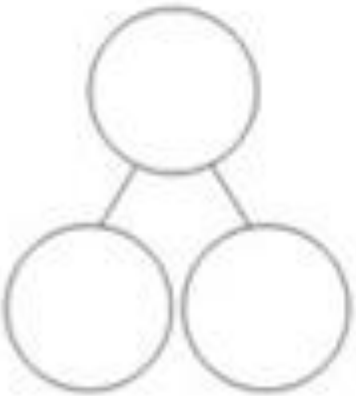


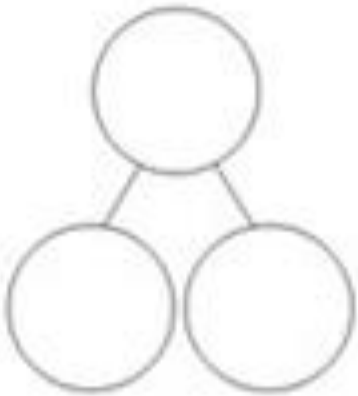


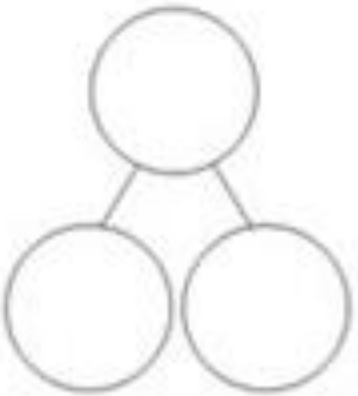




Can you choose your own number and complete the diagram to show the tens and the ones?







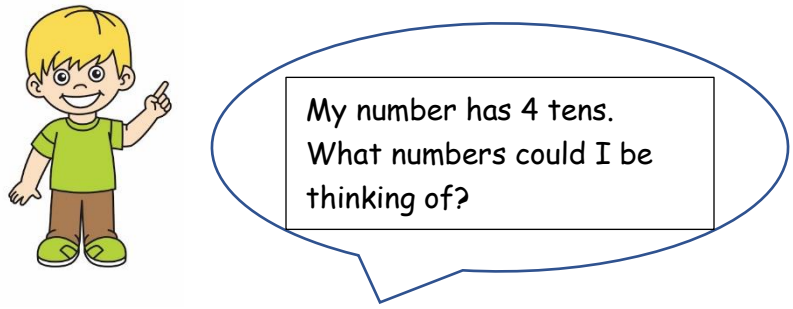
Wednesday 24th February 2021

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 three 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?

Thursday 24th February 2021

Today we are consolidating and extending our learning of counting in 2's, 5's and 10's. 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)

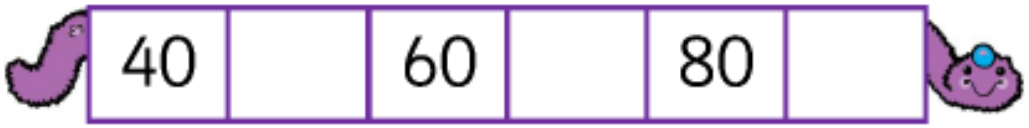
	45					70	

8)

			75			90	

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

1. 

2. 

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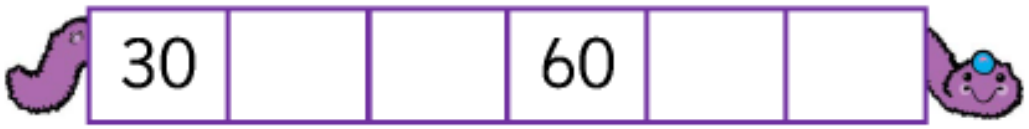
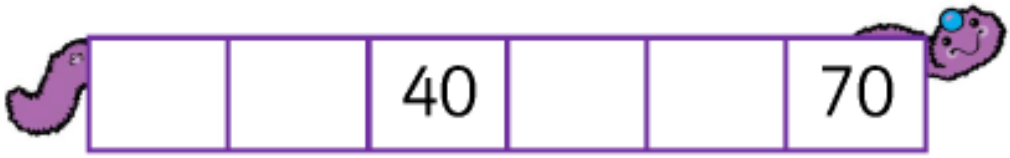
4. 

5. 

Friday 25th February 2021

Can you solve these word problems by counting in 2's or 5's or 10's? use your hundred square or number line to help you or you could draw groups of dots to help you.

Mr Smith wants to separate his class into groups of 5. There are 30 children in his class. How many groups would he need?

Miss Fraser has 34 children in her class. She wants enough laptops for children to work in pairs. How many laptops does she need?

Owen had a birthday party and invited 10 friends. He wants to put two whistles in each party bag. How many whistles does he need?

A glove has space for five fingers. How many finger spaces are gloves?

Challenge: can you create your own word problems for your friend or for you parents to solve?

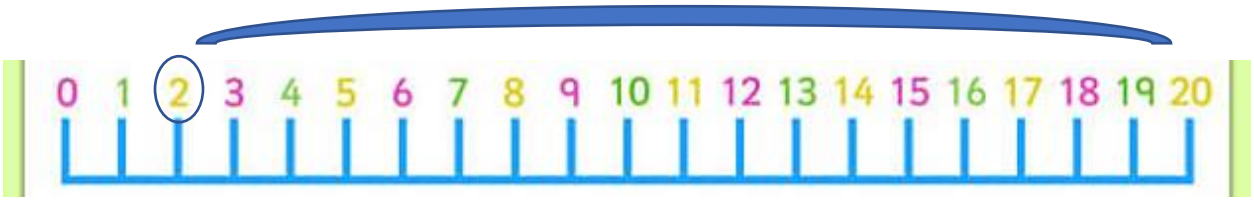
Week 2-Monday 1st March 2021

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

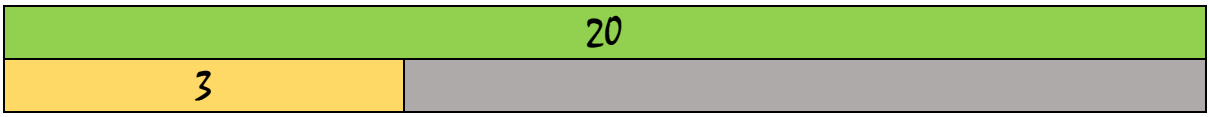
Can you complete these bar models and write the number bond to 20 addition calculation underneath?

20	
6	

_____

20	
8	

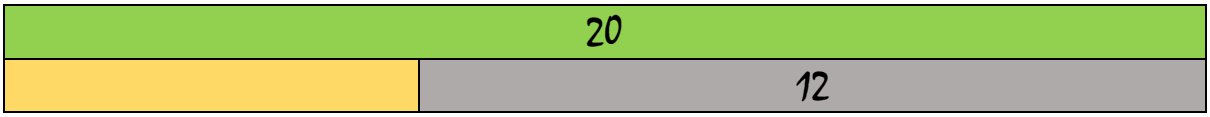
_____


20
3

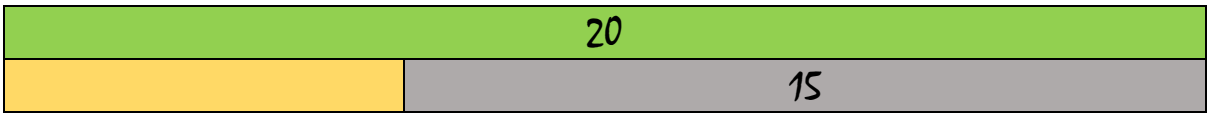
_____


20
10

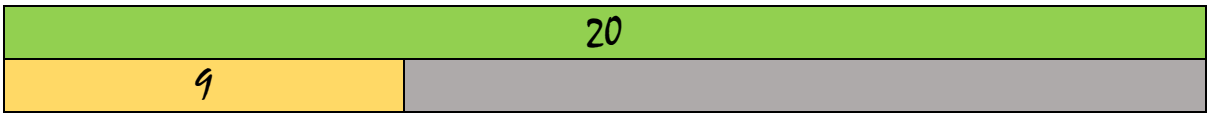
_____


20
12

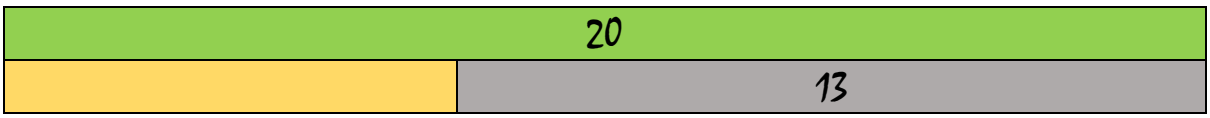
_____


20
15

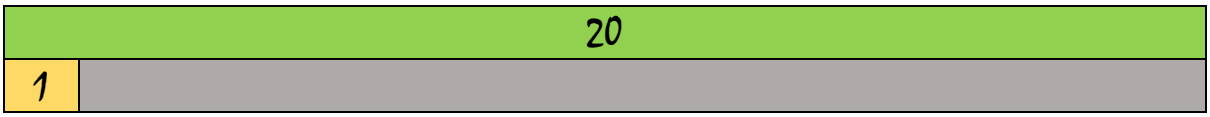
_____


20
9

_____


20
13

_____



_____

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 number bonds to 20 and the related subtraction facts.

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

•••••••••• ••••••••••	
•••••••••	•••••••••• ••••

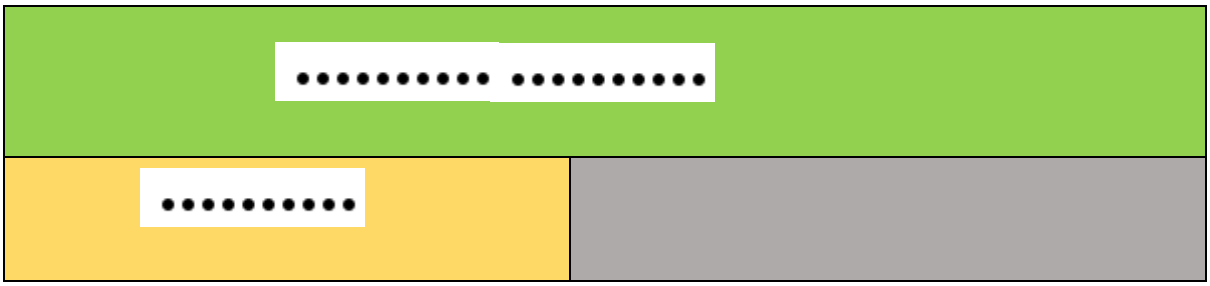
Can you use dots or a number line or your own knowledge to write the subtraction facts from these diagrams?

20	
5	15

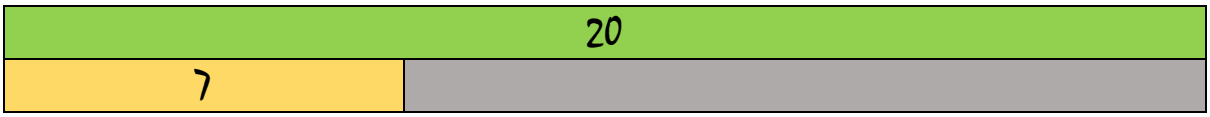
_____ _____

20	
3	17

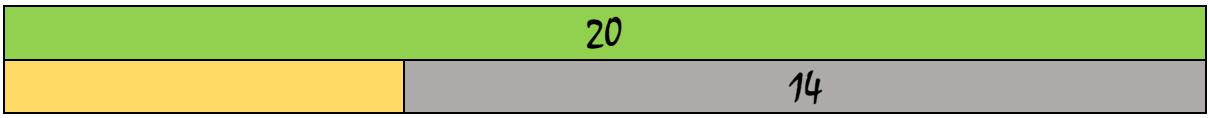
_____ _____



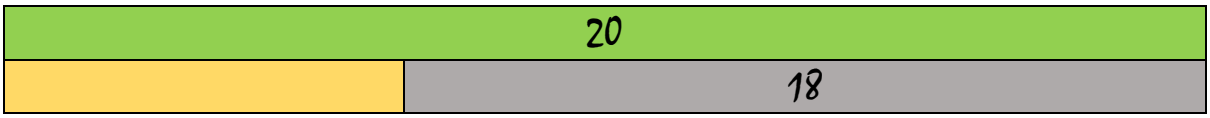
_____ _____



_____ _____



_____ _____



_____ _____

Can you solve these missing number calculations?

1. 20-___=1
2. 20-___=3
3. 20-___=16

4. 20-___=4
5. 20-___=11
6. 20-___=5
7. 20-___=0
8. 20-___=18

Wednesday 3rd March 2021

Today we are concentrating on our addition and subtraction. Use your preferred method to solve these calculations.

15 + 5 =	12 – 9 =	13 – 10 =
10 – 10 =	14 + 7 =	11 – 9 =
15 – 10 =	11 - 10 =	15 + 6 =
10 + 7 =	13 – 6 =	12 – 5 =
12 – 10 =	10 + 8 =	10 + 9 =
11 – 7 =	15 – 9 =	14 – 10 =
14 + 6 =	11 + 6 =	13 – 8 =
13 – 9 =	10 – 6 =	10 – 5 =
10 – 4 =	12 + 8 =	13 – 5 =
12 – 6 =	11 + 5 =	15 – 8 =
10 + 2 =	10 – 3 =	10 + 1 =
15 – 7 =	14 + 9 =	14 – 8 =

Challenge: can you try these word problems?

Number Bonds to 20

I have 20 ice cubes. I use 6 ice cubes in a glass of lemonade. How many do I have left?

Number Bonds to 20

In my garden, there are 7 red birds and 13 yellow birds. How many birds are there altogether?

Number Bonds to 20

There are 12 glass bottles on a shelf. The shelf can hold 20 bottles. How many more can I put on the shelf?

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?

7=____ -9

10=____+2

11=____-4

5=____+3

15=_____-7

18=___+9

10=____-1

16=____+4

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

16=___+10

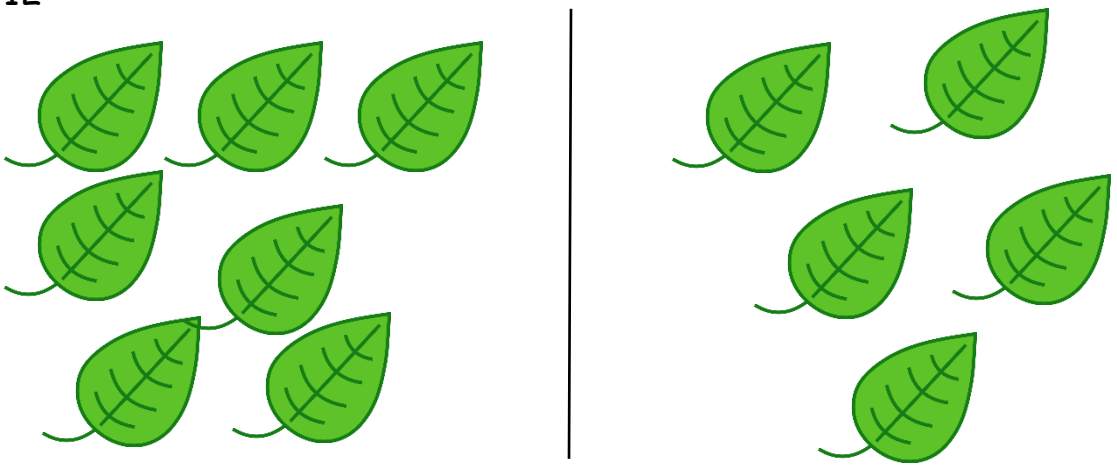
What are the related subtraction facts?

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, 22, 9, 25, 33, 15, 37