

Monday 18th May 2020

Rapid Recap

Fill in the missing numbers and explain to your adult how you knew the answers.

1. 10, 15, 20, ____, 30
2. 75, 70, 65, ____, 55, 50, ____
3. 16, 18, ____, 22, ____, 26
4. 100, 98, 96, ____, ____, 90
5. ____, 45, ____, 65, 75

This session you will need a 100 square, you can download one or visit

<https://www.topmarks.co.uk/learning-to-count/paint-the-squares>

If we can count on in ones,
then we can count on in tens.

Look at $17 + 20 = \boxed{?}$

We start at 17 and jump down
↓ the 100 square counting in tens.

17, 27, 37 so,

$$17 + 20 = 37$$

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

Fluency

1. **a** Practise counting in 10s by reading down the columns on the 100 square out loud to a partner.

b Now try doing it without looking at the 100 square. Give yourself a tick for each column you can do.
2. Use the 100 square to help you count on. Finish the facts.

a $14 + 10 = \square$

b $34 + 20 = \square$

c $27 + 10 = \square$

d $25 + 30 = \square$

e $46 + 20 = \square$

f $35 + 30 = \square$

3. Create your own addition facts by writing a number on the left for each fact. Swap with a partner and answer each other's facts.

a $\square + 20 = \square$

b $\square + 10 = \square$

c $\square + 10 = \square$

d $\square + 30 = \square$

Challenge

1. Sally has 20 stickers then her Mum brought her another pack of stickers. Sally now has 30 stickers. How many stickers are in one pack? How many packs has Sally had so far?

2. Mr Smith thinks that if you are adding a multiple of ten the ones will change sometimes. Is he correct? Prove your answer.

3. How many addition sentences can you create using the numbers 10 and 100? Write them all down.

4. I need 63 chairs for a party. I already have 13. How many more do I need to find?

Extension

Draw a picture and the calculations to help you solve the problem,

Freddy Frog liked jumping across the pond.
There were 20 lily pads in the pond.



How many jumps would he take to cross the pond if he jumped:

2 at a time: _____

4 at a time: _____

5 at a time: _____

10 at a time: _____

Tuesday 19th May 2020

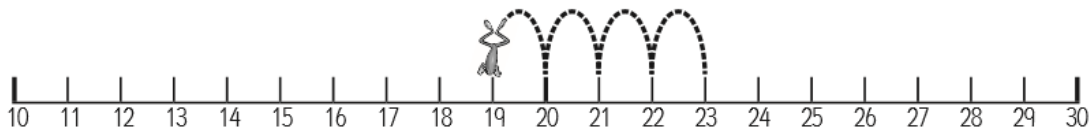
Rapid Recap

Play place value basketball

<https://www.topmarks.co.uk/learning-to-count/place-value-basketball>

Counting back is a handy strategy to use when we only have to subtract a small number. Number lines can help us do this.

Look at $23 - 4 = \boxed{?}$



We start at 23. We jump back 4 spaces to 19.

$$23 - 4 = 19$$

Remember we would only use this for subtracting **SMALL** numbers.

Fluency

Use the number line above and count back to solve these subtraction problems.

a $17 - 4 = \boxed{}$

b $18 - 2 = \boxed{}$

c $19 - 5 = \boxed{}$

d $25 - 2 = \boxed{}$

e $30 - 4 = \boxed{}$

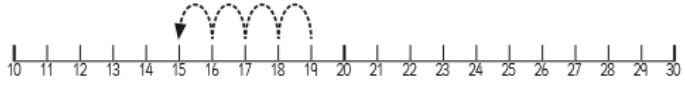
f $21 - 2 = \boxed{}$

Look at these number lines. What subtraction fact does each show?

a $\square - \square = \square$



b $\square - \square = \square$



Would you use the counting back strategy to solve this problem? Why or why not?

$$25 - 7 = \square$$

Challenge

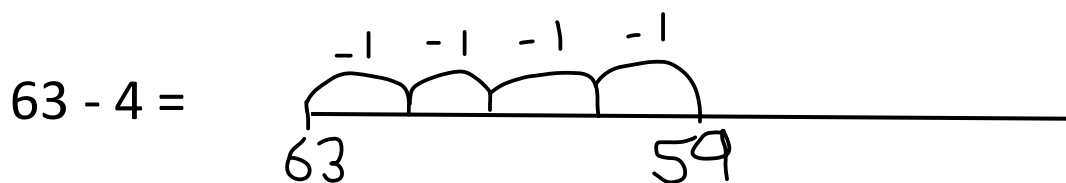
Draw a blank number line and use it to show your working out for these calculations.

$$51 - 7 =$$

$$72 - 6 =$$

$$83 - 5 =$$

Look at my blank number line. What have I done wrong? Hint- I've made 2 mistakes.



Extension

Insert numbers to make these number sentences correct.

$$13 - \underline{\quad} < 6$$

$$13 - \underline{\quad} < 6 \quad 13 - \underline{\quad} < 6 \quad 13 - \underline{\quad} < 6$$

$$13 - \underline{\quad} < 6 \quad 13 - \underline{\quad} < 6 \quad 13 - \underline{\quad} < 6$$

Wednesday 20th May 2020

Rapid Recap

Match the money to the correct amount.



£10



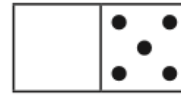
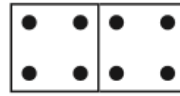
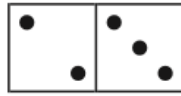
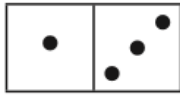
£20



£5

Work it out Wednesday. Each Wednesday I am going to set you a problem to solve. Send your solutions and workings out to me, using our Year 2 email.

If you have dominoes at home, it would be a really good idea to use them first before you try to record anything.

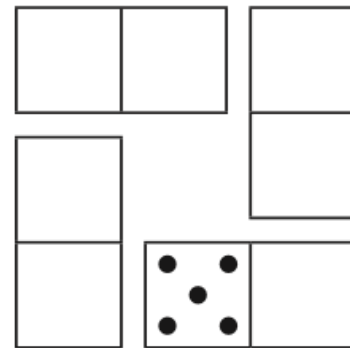
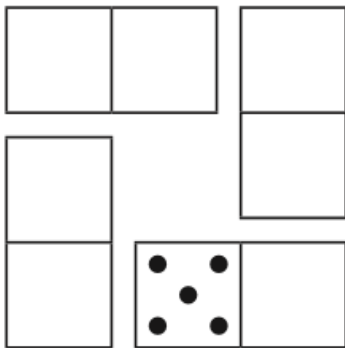
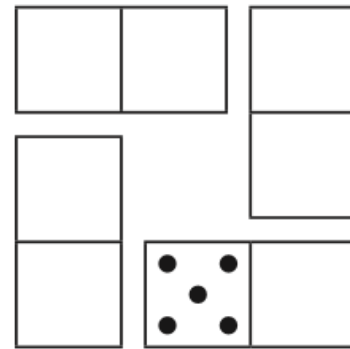
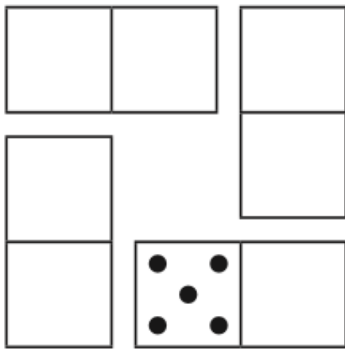


Finn used these dominoes to make a square.

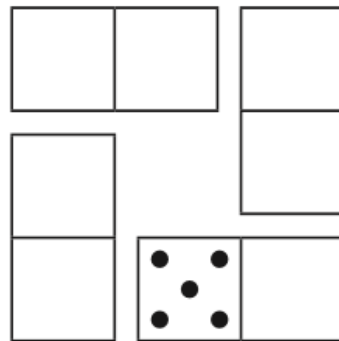
Each side of the square had to add to 8.



How did he use the dominoes?



My solution:



Thursday 21st May 2020



Rapid Recap

Number fact families pick your level of challenge with your adult.

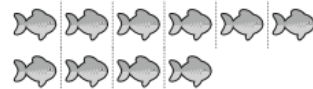
<https://www.topmarks.co.uk/number-facts/number-fact-families>

When we subtract, we can compare groups or numbers and ask ourselves, 'What is the difference?' Does one group have more than the other? Does one group have less than the other?

Look at these fish bowls. What is the difference?

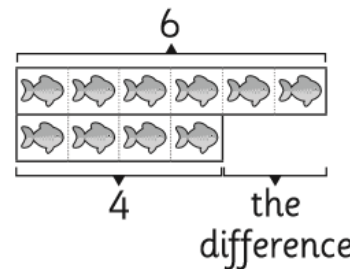
This bowl has **6** fish.  This bowl has only **4**. 

We need to compare the number of fish in each bowl. Let's lay the fish out in two lines, one below the other.



Now it's easy to see that the difference is 2.

We can record the information in a bar model:



We can write this as a number sentence.

$$6 - 4 = 2$$

Fluency

Compare the 2 pictures. Subtract the smaller number from the larger one to find the difference. Write the number fact to match.



The difference is ____.

$$\begin{array}{|c|} \hline 4 \\ \hline \end{array} - \begin{array}{|c|} \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array}$$



The difference is ____.

$$\begin{array}{|c|} \hline \\ \hline \end{array} - \begin{array}{|c|} \hline 7 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array}$$

C What is the difference between 12 and 5? Draw a bar model to help you.

Challenge

These children each have a cake with candles to match their age.



Li



Lucy



12 candles

Liam



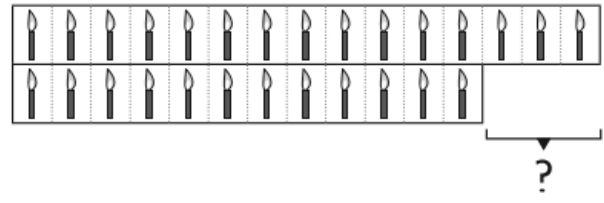
15 candles

Lou

What is the difference in age between:

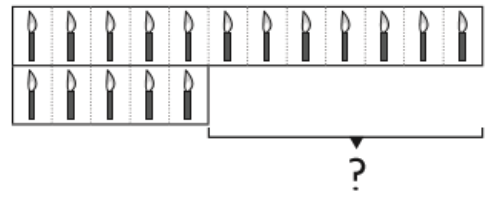
a Lou and Liam?

_____ years



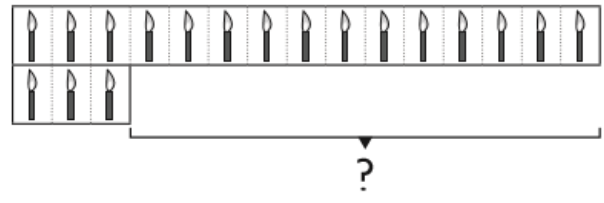
b Liam and Lucy?

_____ years



c Lou and Li?

_____ years



2 How old are you? Draw a bar model to help you find the difference in age between:

a you and Lou? _____ years

b you and Li? _____ years

c you and Liam? _____ years

Extension

What is the difference in years between you and the oldest adult in your home?

What is the difference between you and a pet or sibling in months?

Show the calculation and the bar model.

We are going to battle the Year 3s again.

Do not forget that knowing your multiplication facts will help you in several other areas of maths. This is why we practice weekly. If you have lost your log in details you can email the office who have them all.

Please visit your Times Table Rockstar Account. Do not forget its more important to be accurate than fast.