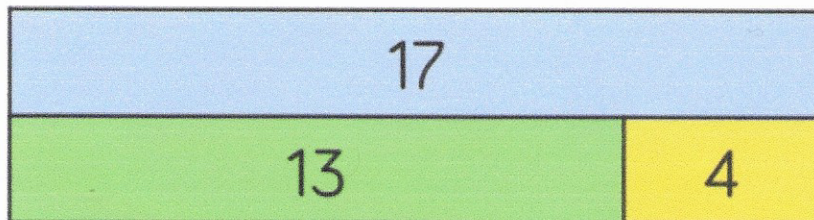


Rapid Recap

Here is my bar model. It shows the whole number at the top and how I have split it below. Write down all the addition and subtraction sentences you know from looking at the bar model.



$$13 + 4 = 17$$

$$17 - 4 = 13$$

$$4 + 13 = 17$$

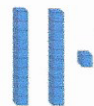
$$17 - 13 = 4$$

Today we are going to continue with addition using the column method. If you are unsure of this method you can look back at the explanations in last weeks home learning sheets.

Fluency

Solve this problem using the column method.

Jack makes this number.



Meg makes this number.



What is the total of their numbers?

	2	1
+	3	5
<hr/>		
	5	6

**Mo has 41 sweets. Whitney has 55 sweets.
How many sweets do they have altogether?**

	4	1
+	5	5
<hr/>		
	9	6

2 step problem

Annie has 12 marbles.

Ron has 13 marbles more than Annie.

How many marbles do they have altogether?

①

	1	2
+	1	3
<hr/>		
	2	5

②

	1	2
+	2	5
<hr/>		
	3	7

Answer 37 marbles

What digits could go in the boxes?

2 + 5 = 87

Possible answers:

1 and 7

2 and 6

3 and 5

4 and 4

5 and 3

6 and 2

7 and 1

Interesting

discussion could

be had around is 1

and 7 different to 7

and 1?

Etc.

Challenge

a)

Find all the possible pairs of numbers that can complete the addition.

$$\begin{array}{r} \begin{array}{|c|c|} \hline 1 & \\ \hline \end{array} \\ + \begin{array}{|c|c|} \hline 2 & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|} \hline 4 & 2 \\ \hline \end{array} \\ 1 \end{array}$$

How do you know you have found all the pairs?

What is the same about all the pairs of numbers?

$13 + 29$

$19 + 23$

$14 + 28$

$18 + 24$

$15 + 27$

$17 + 25$

$16 + 26$

All the pairs of ones add up to 12

Extension

How many different ways can you solve $19 + 11$? Explain your method to your adult. Use objects or pictures to help explain your method.

Children might add the ones and then the tens.

Children should notice that 1 and 9 are a number bond to 10 which makes the calculation easier to complete mentally.

Tuesday 5th May 2020

Rapid Recap

Which word completes the sentence correctly?

more less

3 tens is less than 2 tens and 12 ones.

Write a number to make the statement correct. Any number more than 32 and less than 40.

$$32 < \boxed{} < 40$$

Fluency

a

	T	O
	1	9
-		6
	1	3

b

	T	O
	2	5
-		1
	2	4

c

	T	O
	2	6
-		3
	2	3

d

	T	O
	4	6
-	1	5
	3	1

e

	T	O
	3	9
-	2	2
	1	7

f

	T	O
	4	8
-	3	3
	1	5

g

	T	O
	7	2
-	2	2
	5	0

h

	T	O
	5	4
-	5	1
	0	3

i

	T	O
	8	4
-	5	4
	3	0

Challenge

Solve these word problems. Don't forget to show the calculation and answer the question in words.

Frank had 48 seats in his cafe. 22 people came and sat down. How many empty seats does he have left?

$$\begin{array}{r} 48 \\ - 22 \\ \hline 26 \end{array}$$

I always start with the ones.

26 seats left

Kim had 57 marbles. She lost 13. How many does she have left?

$$\begin{array}{r} 57 \\ - 13 \\ \hline 44 \end{array}$$

44 marbles

Kami bought a packet of 63 sweets to school. She gives one to every child in the class. There are 23 children in her class. How many does she have left over?

$$\begin{array}{r} 63 \\ - 23 \\ \hline 40 \end{array}$$

40 sweets left

There are 81 children in the choir. But only 50 can go to the concert. How many children couldn't make it?

$$\begin{array}{r} 81 \\ - 50 \\ \hline 31 \end{array}$$

31 children couldn't make it.

Extension

£286 - (39 + £59). 188 more to save

700 - (113 + 276). 311 empty seats

Rapid Recap

True or False?

These four calculations have the same answer.

$$1 + 4 + 2$$

$$4 + 2 + 1$$

$$2 + 4 + 1$$

$$4 + 1 + 2$$

These four calculations have the same answer.

$$7 - 3 - 2$$

$$2 - 3 - 7$$

$$3 - 2 - 7$$

$$7 - 2 - 3$$

True, because they all equal 7 and addition is commutative.

False, because subtraction isn't commutative.

Work it out Wednesday.

Dan said:

Hide

"I used counters which had 1 to 6 on them.

I put the counters in a triangle in any old way, then I added up the sides.

Then I moved the counters around to try and get the right total on each side."

Emma said:

Hide

"I noticed that three of the numbers are odd (1, 3 and 5) and three of the numbers are even (2, 4 and 6). I thought this might help.

I know that 9 is an odd number so it can be made using odd + odd + odd or using even + even + odd."

Farah said:

Hide

"If I want a small total on each side, I'll need small numbers in the corners of the triangle."

Thursday 7th May 2020

Rapid Recap

32 and 23. 32 is greater because...

- It has more tens than 23
- It has 9 more ones than 23.

Award 1 mark for 32 AND a clear explanation.

Fluency

a.				b.				c.				d.				e.			
	3	3			2	5			1	6			2	7			2	9	
-	1	1		-	1	3		-	1	0		-	1	6		-	1	2	
	2	2			1	2				6			1	1			1	7	

f.				g.				h.			
	2	6			3	2			2	9	
-	1	3		-	2	0		-	1	4	
	1	3			1	2			1	5	

Challenge

Find the missing numbers.

$$\begin{array}{r}
 \boxed{6} \boxed{} \\
 - \boxed{2} \boxed{} \\
 \hline
 \boxed{4} \boxed{2}
 \end{array}$$

Is this the only possible solution? Explain your answer.

Make the numbers using Base 10 to help you find your answer.

9 and 7

8 and 6

7 and 5

6 and 4

5 and 3

4 and 2

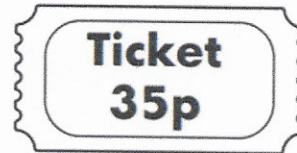
3 and 1

2 and 0

Extension

32 Ben has 90p.

He buys **2** tickets.



① Each ticket costs 35p.

How much money does Ben have left?

$$\begin{array}{r} + 35 \\ + 35 \\ \hline 70 \\ 1 \end{array}$$

$$\begin{array}{r} ② \quad 90 \\ - 70 \\ \hline 20 \end{array}$$

Show
your
working

20 p

Friday 8th May 2020

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