

For Miss Jackson/Mrs Brotherton's Maths group
Tuesday 5th May 2020

WALT: Use inverse operations to check calculations.

Remember:

The inverse operation means the opposite operation. Addition and subtraction are the opposite of each other. We can use fact families to help us think about inverse operations.

For example:

$8 + 2 = 10$

$10 - 2 = 8$

$2 + 8 = 10$

$10 - 8 = 2$

Use this video to help as well: <https://www.bbc.co.uk/bitesize/clips/zdsvcdm>

1.

Ron wants to check this addition calculation.

$$320 + 719 = 1,039$$

Circle the subtractions that can be used to check Ron's addition.

$1,039 - 719$

$320 - 1,039$

$719 - 320$

$1,039 - 320$

2.

Use an inverse operation to check these calculations.

a)

	1	3	6	0	
+	2	9	7	3	
	4	3	3	3	

b)

	8	2	6	4	
-	3	1	4	2	
	5	1	2	2	

3.

Alex thinks of a number.



When I add
 4,550 to my number
 I get 7,460

What number did Alex start with?

4.

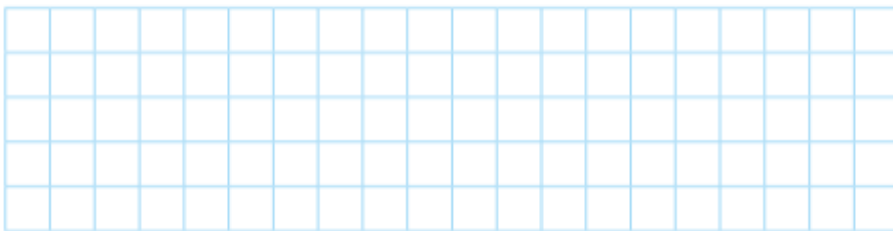
Complete the calculations.

Use inverse operations to check your answers.

a) $763 + 4,072 =$



b) $8,711 - 1,053 =$



CHALLENGE

Mo, Whitney, Teddy and Eva collect marbles.



Mo

I have 1,648 marbles.

I have double the amount of marbles Mo has.



Whitney



Teddy

I have half the amount of marbles Mo has.

In total they have 8,524 marbles between them.

How many does Eva have?