

## Year 5 Arithmetic Week Beginning 11<sup>th</sup> January

These tasks are to go alongside the daily zoom arithmetic lesson. A copy of the teaching slides are also available on the website.

### Green group tasks

#### Monday

Work out the missing digits in these subtractions.

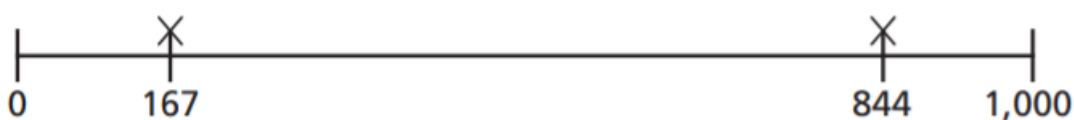
a)

		H	T	O	
		7		5	
-	3	4			
			7	3	

b)

		H	T	O	
			2	0	
-	1			8	
		2	9		

Two points are marked on a number line.



What is the difference between the two points?

Aisha buys these items.



How much change does she have from £1,000?

Fill in the missing numbers.

a)  $179 + \boxed{\phantom{000}} = 595$

c)  $95 + \boxed{\phantom{000}} + 138 = 870$

b)  $718 - \boxed{\phantom{000}} = 348$

d)  $\boxed{\phantom{000}} - 446 = 503$

Here are 3 buildings.

- A is 150 m tall
- B is 317 m taller than A
- C is 223 m shorter than B



How much taller is C than A?

Th	H	T	O
1,000 1,000	100 100	10	1 1
1,000 1,000	100		1 1
1,000 1,000			1
1,000			

Complete the subtractions.

a)

	7	3	1	5	
	-	2	1	0	4
	<hr/>				
	<hr/>				

c)

	7	3	1	5	
	-	5	4	2	0
	<hr/>				
	<hr/>				

b)

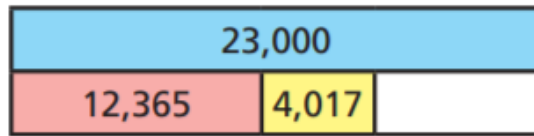
	7	3	1	5	
	-	3	2	4	1
	<hr/>				
	<hr/>				

Complete the models.

a)



b)



Teddy and Jack are playing a computer game.

Teddy scores 55,890 points.

Jack scores 36,475 points fewer than Teddy.

a) How many points does Jack score?

Mr Hall has written these subtractions on the board.

$$45,541 - 25,865$$

$$68,945 - 34,758$$

**Rosie's workings**

$$\begin{array}{r} 25865 \\ - 45541 \\ \hline 20324 \end{array}$$

**Whitney's workings**

$$\begin{array}{r} 68945 \\ - 34758 \\ \hline 34213 \end{array}$$

Explain the mistakes that Rosie and Whitney have made.

Here are some digit cards.



Ron makes a 4-digit number with the cards.

Eva makes a 4-digit number with the cards.

The difference between their numbers is between 1,000 and 3,000

What numbers could Ron and Eva have made?

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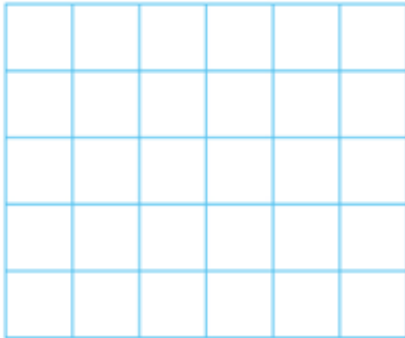
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### Green group tasks

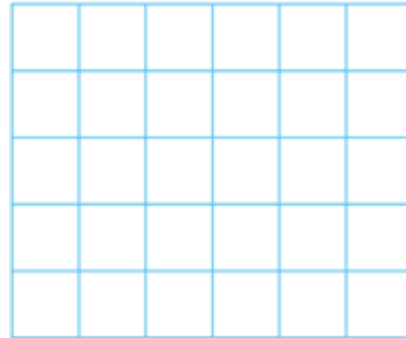
Tuesday

Use the column method to work out the subtractions.

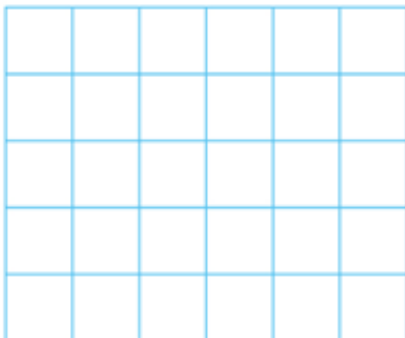
a)  $13.59 - 1.82$



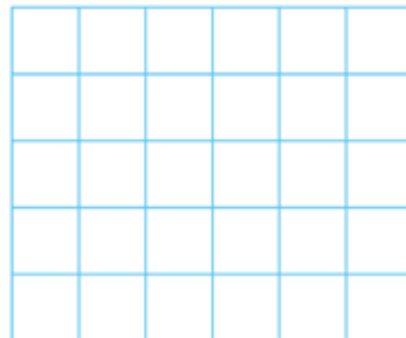
c)  $5.6 - 1.39$



b)  $73.84 - 9.2$



d)  $18.2 - 3.64$



Complete the subtractions.

a)

		2	•	3	6
	-	1	•	4	
		<hr/>			
			•		
		<hr/>			

c)

		7	•	3	
	-	1	•	1	5
		<hr/>			
			•		
		<hr/>			

b)

		6	•	1	5
	-	3	•	8	
		<hr/>			
			•		
		<hr/>			

d)

		2		4	•	4	
	-			3	•	1	2
		<hr/>					
					•		
		<hr/>					

Use the column method to work out the subtractions.

a)  $13.59 - 1.82$


c)  $5.6 - 1.39$


b)  $73.84 - 9.2$


d)  $18.2 - 3.64$


a)  $583,322 - 54,400$

b)  $200,000 - 40,000$

c)  $323,213 - 43,210$

d)  $45.32 - 31.2$

e)  $4.01 - 0.21$

f)  $12.32 - 0.9$

g)  $1,000,000 - 3453$

h)  $675,000 - 675,675$

1 Use a place value chart and counters to help you complete the subtractions.

Tens	Ones	Tenths	Hundredths
10	1 1 1 1	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.01 0.01 0.01

a)  $14.83 - 12.12 =$

c)  $14.83 - 12.92 =$

b)  $14.83 - 12.14 =$

d)  $14.83 - 12.94 =$

A piece of wood is 0.9 metres long.

It is cut into 3 unequal pieces.

The first piece is 0.2 metres longer than the second piece.

The third piece is 23 hundredths of a metre shorter than the second piece.

1st



2nd



3rd

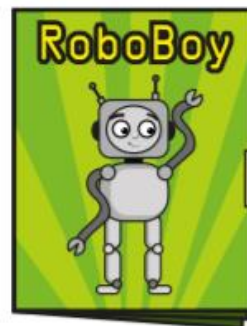


How long is each piece of wood?

Whitney has £8.52

She buys this comic.

How much money does she have left?



£3.25

£

Here are some items for sale in a shop.



a) How much more does a scarf cost than a bag of marbles?



Use the column method to work out the subtractions.

a)  $14 - 2.7$


d)  $26 - 3.91$


b)  $8 - 3.65$


e)  $25 - 3.842$
