

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

- A) 263
- B) 672

Complete the number sentences.

a)  $720 - 60 =$

e)  $716 - 50 =$

b)  $338 - 40 =$

f)   $= 528 - 90$

c)  $248 - 60 =$

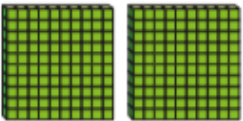
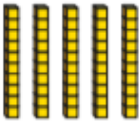

g)  $319 - 20 =$

d)  $937 - 50 =$

h)  $703 - 80 =$




Complete the column subtractions.

a)  $254 - 126$

Hundreds	Tens	Ones
		

	H	T	O	
	2	5	4	
-	1	2	6	
	1	2	8	

b)  $532 - 281$

Hundreds	Tens	Ones
		

	H	T	O	
	5	3	2	
-	2	8	1	
	2	5	1	

Work out the subtractions.

a)  $735 - 218$

	H	T	O	
	7	3	5	
-	2	1	8	
	5	1	7	

c)  $415 - 179$

	H	T	O	
	4	1	5	
-	1	7	9	
	2	3	6	

b)  $428 - 163$

	H	T	O	
	4	2	8	
-	1	6	3	
	2	6	5	

d)  $382 - 194$

	H	T	O	
	3	8	2	
-	1	9	4	
	1	8	8	

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?

*Answer - 677*

Fill in the missing numbers.

a)  $179 + \boxed{2\ 6\ 5} = 595$

c)  $95 + \boxed{6\ 3\ 7} + 138 = 870$

b)  $718 - \boxed{3\ 7\ 0} = 348$

d)  $\boxed{9\ 4\ 9} - 446 = 503$

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?

*Answer = C is 94 cm taller than B.*

Aisha buys these items.



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

*Answer = £188*

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

Tuesday

Teddy and Jack are playing a computer game.

Teddy scores 55,890 points.

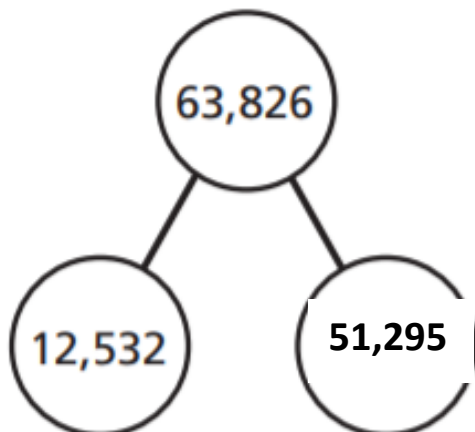
Jack scores 36,475 points fewer than Teddy.

a) How many points does Jack score?

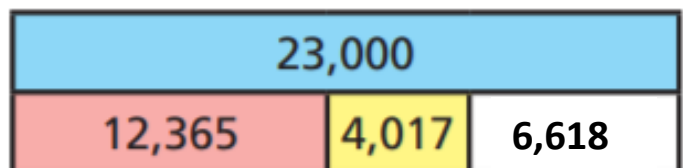
19, 415

Complete the models.

a)



b)



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	
		5	2	1	1	

c)

		7	3	1	5	
	-	5	4	2	0	
		1	8	9	5	

b)

		7	3	1	5	
	-	3	2	4	1	
		4	0	7	4	

Mr Hall has written these subtractions on the board.

$$45,541 - 25,865$$

$$68,945 - 34,758$$

**Rosie's workings**

$$\begin{array}{r} 2\ 5\ 8\ 6\ 5 \\ -\ 4\ 5\ 5\ 4\ 1 \\ \hline 2\ 0\ 3\ 2\ 4 \end{array}$$

**Whitney's workings**

$$\begin{array}{r} 6\ 8\ 9\ 4\ 5 \\ -\ 3\ 4\ 7\ 5\ 8 \\ \hline 3\ 4\ 2\ 1\ 3 \end{array}$$

Explain the mistakes that Rosie and Whitney have made.

*Rosie did not put the biggest number on top for the subtraction.*

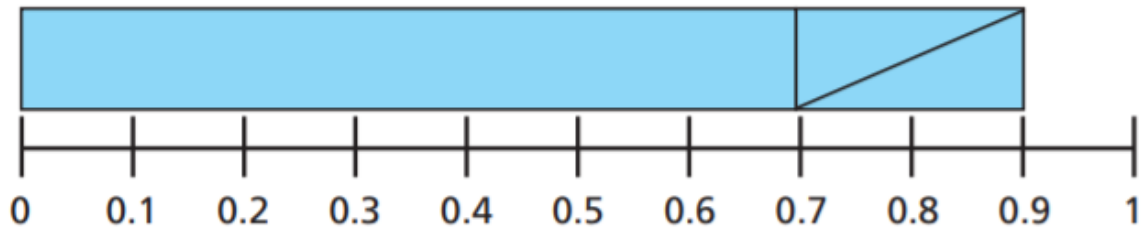
*Whitney did not exchange in the 1s column.*



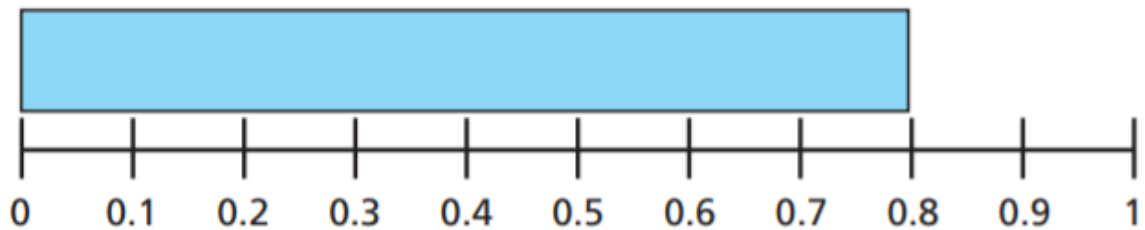
Work out the subtractions.

Use the number lines to help you.

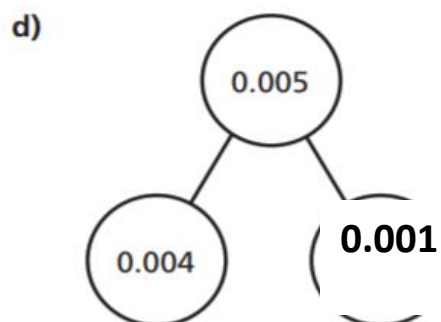
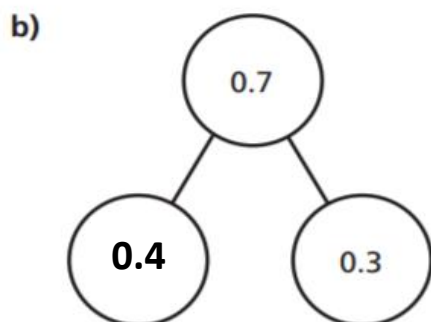
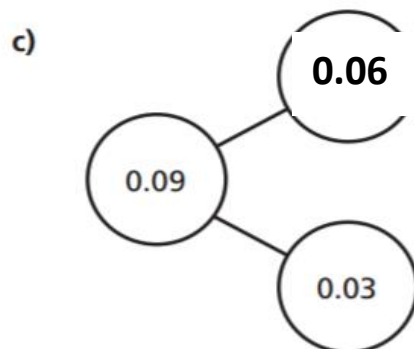
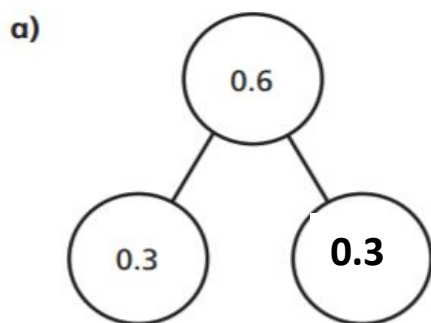
a)  $0.9 - 0.2 =$  **0.7**



b)  $0.8 - 0.1 =$  **0.7**



Complete the part-whole models.



a)

		0	•	8	9
	-	0	•	4	
		<hr/>			
		0	.	4	9
		<hr/>			

c)

		0	•	7	7
	-	0	•	6	8
		<hr/>			
		0	.	0	9
		<hr/>			

b)

		0	•	7	7
	-	0	•	6	4
		<hr/>			
		0	.	1	3
		<hr/>			

d)

		0	•	7	
	-	0	•	2	5
		<hr/>			
		0	.	5	5
		<hr/>			