

*This document contains the
answers to the maths
questions*

Complete the calculations.

a)

		H	T	O	
		3	2	7	
	-	1	1	9	
		<hr/>			
		<hr/>			

c)

		Th	H	T	O	
		9	8	4	5	
	-	6	2	1	6	
		<hr/>				
		<hr/>				

a= 208

b= 7539

c= 3629

b)

		Th	H	T	O	
		7	6	7	3	
	-		1	3	4	
		<hr/>				
		<hr/>				

Complete the calculations.

a)

		H	T	O	
		3	2	7	
	-	1	3	2	
		<hr/>			
		<hr/>			

c)

		Th	H	T	O	
		9	8	4	5	
	-	2	3	6	0	
		<hr/>				
		<hr/>				

b)

		Th	H	T	O	
		7	6	7	3	
	-		2	8	1	
		<hr/>				
		<hr/>				

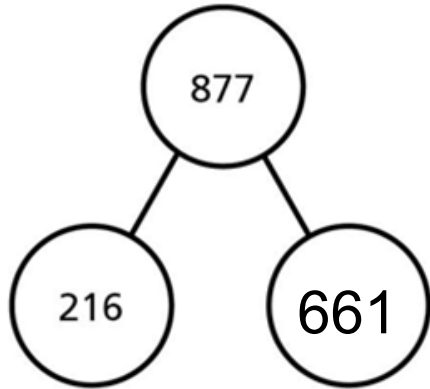
a= 195

b = 7392

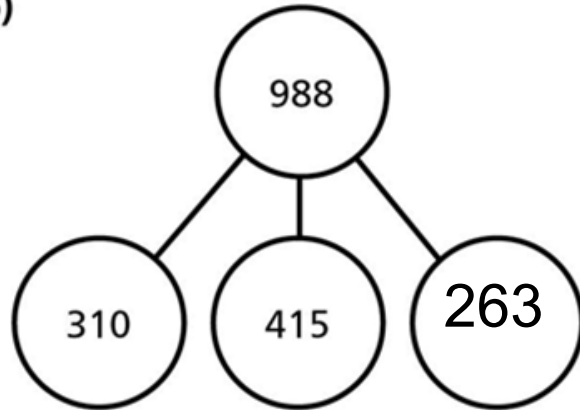
c= 7485

Complete the part-whole models.

a)



b)



What are the values of each of the shapes?

a)

	6	★	8
-	★	▲	▲
	●	1	5

★ = ▲ =

● =

b)

	9	+	◇
-	+	4	⬠
	◇	⬠	◇

+ = ⬠ =

◇ =

Annie is calculating $3,467 - 2,148$

Here are her workings.

		Th	H	T	O	
		3	4	6	7	
	-	2	1	4	8	
		1	3	2	1	

Do you agree with Annie? _____

Explain your answer. (Remember to do this mathematically)

Annie did not exchange in the 0s column.

1,319

Complete the calculations.

a)

		Th	H	T	O	
		7	3	2	5	
	-	2	4	0	6	

c)

		Th	H	T	O	
		7	1	0	2	
	-		3	9	8	

b)

		Th	H	T	O	
		5	6	3	4	
	-	2	7	4	5	

d)

		Th	H	T	O	
		5	0	0	0	
	-	1	7	3	3	

a= 4919

b= 2889

c= 6704

d= 3267

A jug contains 1,500 ml of juice.



984ml

The juice is poured into 2 glasses.

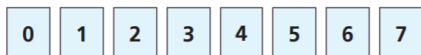
Each glass holds 258 ml of juice.

How much juice is left in the jug?



Question	Answer																																								
6	<p>a)</p> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th></th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td></td> <td>7</td> <td>1</td> <td>9</td> <td>4</td> </tr> <tr> <td>-</td> <td>1</td> <td>2</td> <td>3</td> <td>6</td> </tr> <tr> <td></td> <td>5</td> <td>9</td> <td>5</td> <td>8</td> </tr> </tbody> </table> <p>b)</p> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th></th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td></td> <td>4</td> <td>0</td> <td>8</td> <td>3</td> </tr> <tr> <td>-</td> <td></td> <td>2</td> <td>3</td> <td>8</td> </tr> <tr> <td></td> <td>3</td> <td>8</td> <td>4</td> <td>5</td> </tr> </tbody> </table>		Th	H	T	O		7	1	9	4	-	1	2	3	6		5	9	5	8		Th	H	T	O		4	0	8	3	-		2	3	8		3	8	4	5
	Th	H	T	O																																					
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	4	0	8	3																																					
-		2	3	8																																					
	3	8	4	5																																					

Arrange all the digit cards to make a possible subtraction for each description.



a) There are two exchanges.
The answer is less than 2,000

$$\begin{array}{r} \square \square \square \square \\ - \square \square \square \square \end{array}$$

b) There are two exchanges.
The answer is greater than 4,000

$$\begin{array}{r} \square \square \square \square \\ - \square \square \square \square \end{array}$$

c) There are three exchanges.

$$\begin{array}{r} \square \square \square \square \\ - \square \square \square \square \end{array}$$

multiple possible answers, e.g.:

a) $2,353 - 1,064$

b) $7,640 - 2,351$

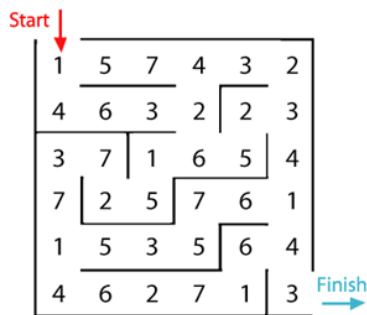
c) $7,420 - 6,531$

Maze 100

Age 7 to 11 ★★

In this maze there are numbers in each of the cells. You go through adding all the numbers that you pass. You may not go through any cell more than once.

Can you find a way through in which the numbers add to exactly 100?



What is the lowest number you can make going through the maze?

What is the highest number you can make going through the maze? (Remember you may not go through any cell more than once.)

<https://rich.maths.org/91/note>

There are lots of possible solutions to this. Follow the link to support you