

# Using inverse operations

**I** Work out an inverse calculation to check each answer below. Then tick the box next to the correct statement.

a)

$$2,704 - 1,264 = 1,440$$

The answer is correct.

The answer is incorrect.

	Th	H	T	O
	1	4	4	0
+	1	2	6	4

b)

$$14,600 + 1,295 = 15,995$$

The answer is correct.

The answer is incorrect.

	TTh	Th	H	T	O
	1	5	9	9	5
-	1	4	6	0	0

c)

$$37,010 - 18,482 = 18,468$$

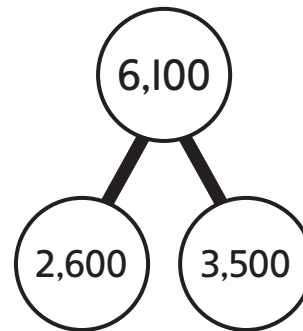
The answer is correct.

The answer is incorrect.

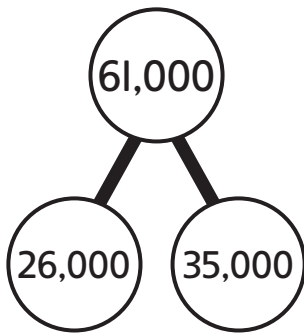
	TTh	Th	H	T	O
+					

2 a) Write down the fact family for this part-whole model.

	+		=	
	+		=	
	-		=	
	-		=	



b) Complete an addition to check if this part-whole model is correct.



3 Spot the mistakes in these calculations.

Show the correct working for each calculation.

a)

T	Th	H	T	O
3	4	7	2	6
+	1	1	2	0
4	5	9	2	6

b)

T	Th	H	T	O
2	4	0	0	0
-	2	3	8	7
	1	8	7	2

- 4 Richard is working out  $7,500 + 3,500$  in his head.

The answer is 10,000.



Richard

- a) What subtractions could he use to check that he is correct?

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- b) Explain the mistake Richard has made.

What is the correct answer to the calculation?



- 5 Mo checks a calculation by working out  $764 + 13,500$ .

What calculation could Mo have been checking?

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**CHALLENGE**

## Reflect

Alex says, 'To check an answer, I will just do the calculation again.'

Is this a good idea? Why might it not always work?




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