Checking strategies

1 Circle the subtractions that can be used to check the addition 271 + 516 = 787

787 – 271 **516 – 271** **271 – 787** **787 – 516**

2 Circle the additions that can be used to check the subtraction 2,364 – 1,202 = 1,162

2,364 + 1,202 **1,162 + 1,202** **2,364 + 1,162** **1,202 + 1,162**

3 Use an inverse operation to check these calculations.

a)

		H	T	O	
		3	7	1	
	+	4	6	5	
		8	3	6	

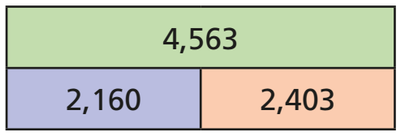
b)

		H	T	O	
		5	6	7	
	–	1	5	2	
		4	1	5	

c)

		Th	H	T	O	
		2	4	1	1	
	–	1	3	0	6	
		1	1	0	5	

4 Complete the fact family for the bar model.



☐ + ☐ = ☐

☐ + ☐ = ☐

☐ – ☐ = ☐

☐ – ☐ = ☐

5 Teddy is working out 5,671 + 325

		Th	H	T	O	
		5	6	7	1	
	+	3	2	5		
		8	9	2	1	

Teddy checks his calculation using the same addition.

Is this a good idea? What mistake has Teddy made?

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6 Match the inverse calculations.

623 + 1,240 = 1,863	2,483 – 623 = 1,860
1,860 + 1,240 = 3,100	2,483 + 617 = 3,100
1,860 + 623 = 2,483	3,100 – 1,860 = 1,240
3,100 – 2,483 = 617	617 + 1,866 = 2,483
2,483 – 617 = 1,866	1,863 – 1,240 = 623

7 Complete the calculations.

Use inverse operations to check your answers.

a) 372 + 405 = ☐

b) 1,372 + 450 = ☐

c) 6,572 – 2,320 = ☐

d) 6,004 – 729 = ☐

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