

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	

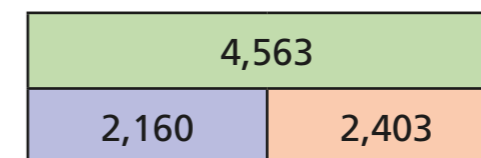
b)

		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.



	+		=	
--	---	--	---	--

	+		=	
--	---	--	---	--

	-		=	
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	-		=	
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- 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?

What addition should he do? Check Teddy's calculation.

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) $6,004 - 729 =$
