

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

		3	3	6	
		-	3	7	1
			4	6	5

b)

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

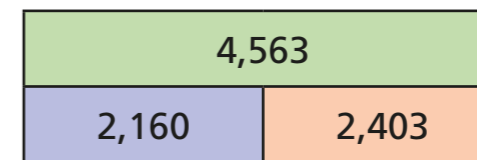
		4	1	5	
		+	1	5	2
			5	6	7

c)

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

		1	1	0	5	
		+	1	3	0	6
			2	4	1	1

4 Complete the fact family for the bar model.



$2,160 + 2,403 = 4,563$

$2,403 + 2,160 = 4,563$

$4,563 - 2,403 = 2,160$

$4,563 - 2,160 = 2,403$

5 Teddy is working out $5,671 + 325$

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

		5	6	7	1	
		+	3	2	5	
			5	9	9	6

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) $372 + 405 =$ 777

b) $1,372 + 450 =$ 1,822

c) $6,572 - 2,320 =$ 4,252

d) $6,004 - 729 =$ 5,275
