White Rose Maths

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

787 − 271   **516 − 271**   **271 − 787**   **787 − 516**
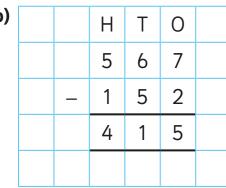
2 Circle the additions that can be used to check the subtraction 2,364 − 1,202 = 1,162

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.

4,563	
2,160	2,403

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ − ☐ = ☐

☐ − ☐ = ☐

5 Teddy is working out 5,671 + 325

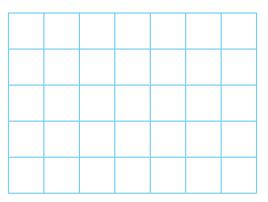| Th	H	T	O
5	6	7	1
+	3	2	5
8	9	2	1

Teddy checks his calculation using the same addition.

Is this a good idea? What mistake has Teddy made?
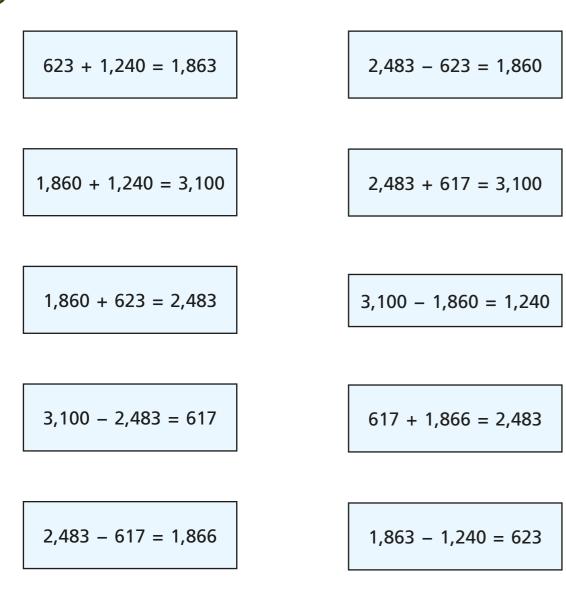
What addition should he do? Check Teddy's calculation.

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 =