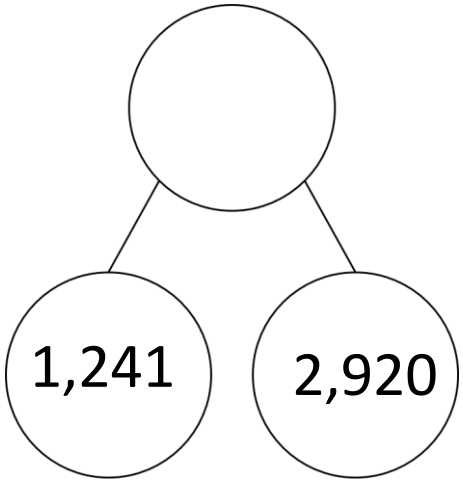
1) Complete the fact family for the part whole model.



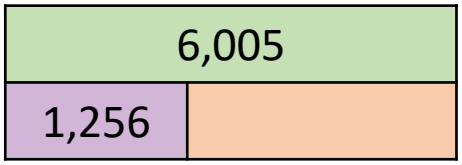
☐ + ☐ = ☐

☐ + ☐ = ☐

☐ − ☐ = ☐

☐ − ☐ = ☐

Complete the fact family for the bar model.



☐ + ☐ = ☐

☐ + ☐ = ☐

☐ − ☐ = ☐

☐ − ☐ = ☐

3

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

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

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**

4

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?

Match the inverse calculations. 5

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

4) A local village has 1,355 people living in it.

A town, a few miles away, has a 8,592 people living in it.

a) What is the difference in their populations?



b) Use the inverse to check you calculation.

