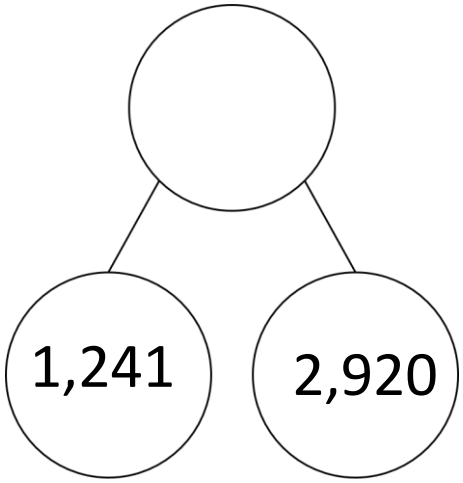
1) Complete the fact family for the part whole model.



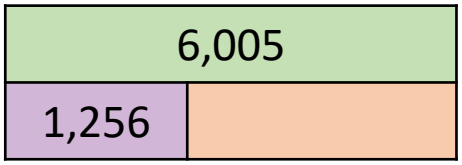
☐ + ☐ = ☐

☐ + ☐ = ☐

☐ − ☐ = ☐

☐ − ☐ = ☐

Complete the fact family for the bar model.



☐ + ☐ = ☐

☐ + ☐ = ☐

☐ − ☐ = ☐

☐ − ☐ = ☐

Match the inverse calculations.

3

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.



5 A bar model has been drawn. Instead of using numbers, colours have been used.



Red = R
Yellow = Y
Blue = B

Complete the addition and subtraction number sentences you can make using this bar model. The first one has been done for you.

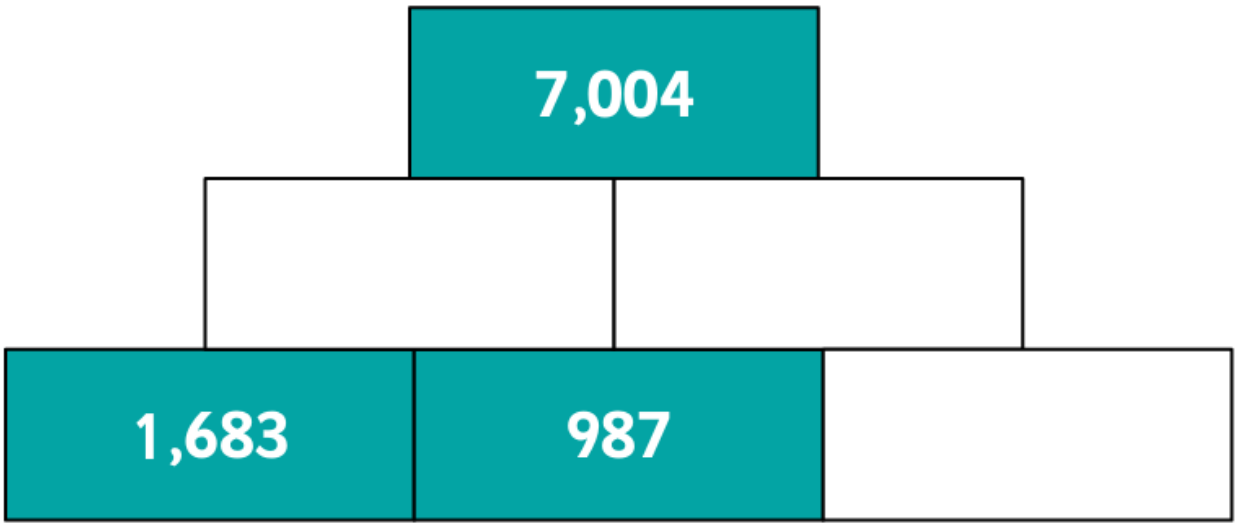
R	+	**B**	=	**Y**
	+		=	
	−		=	
	−		=	

Challenge: What numbers could the colours represent?

Red = _____ **Yellow =** _____ **Blue =** _____

Find the missing numbers in the number pyramid.

6



Remember: the two bricks next to each other add up to make the one on top. You need to find the one on top but subtract from the top to find the missing one below.