

**Activities:** Use your knowledge of regrouping to answer these questions and show your working out using column addition.

Calculate these:

$$345 + 10 =$$

$$568 + 24 =$$

$$67 + 50 =$$

$$156 + 61 =$$

$$483 + 29 =$$

**Steps to Success**

- ★ Read the calculation
- ★ Place into place value columns (biggest number on top)
- ★ Add/subtract from right to left
- ★ Regroup numbers at the bottom



$$\begin{array}{r} 568 \\ + 185 \\ \hline 753 \\ \hline \end{array}$$

**Steps to Success**

- ★ Look for the missing number - is it part of the number or the whole number
- ★ Need whole = Add  
Need part = Subtract
- ★ Calculate the answer using column addition
- ★ Check! Show the inverse calculation (column method)



Answer these questions, draw the bar model into your book and show your column addition working out beside or underneath

1.  $103 + 218 =$  \_\_\_\_\_

2.  $230 + 96 =$  \_\_\_\_\_

3.  $45 + 76 =$  \_\_\_\_\_

4.  $1352 + 719 =$  \_\_\_\_\_

## Column Addition Challenges

### Challenge 1:

	8	0	<input type="text"/>
+			6
<hr/>			
	8	1	<input type="text"/>
<hr/>			
		1	

### Challenge 2:

9a. Andre has calculated  $708 + 7$  using column addition but he has made some mistakes.

	7	0	8
+			7
<hr/>			
	7	0	4
<hr/>			
		1	

Explain and correct his errors.

### Challenge 3:

	3	8	9
+		<input type="text"/>	6
<hr/>			
	<input type="text"/>	8	5