

Addition with Regrouping Step-by-Step Lesson

Add the following values.

		2	8	
	+		5	
<hr/>				

Step 1) When we are working with sums that are located in a grid it is very helpful to label all the place values so that we can keep track of the problem. Here is that same grid with the place values clearly stated:

		Tens	Ones	
		2	8	
	+		5	
<hr/>				

Step 2) When you are adding values, we add from the lowest place value first and then move on to the next highest place value. In this case the ones place is lowest value so we will begin there. This would result in $8 + 5$ which equals 14. Notice that 14 is 1-tens and 4-ones. We will need to rewrite this problem by regrouping. We will carry the tens values (1) into the tens column and write the ones value (4) at the bottom as the start of our answer.

		Tens	Ones	
		1		
		2	8	
	+		5	
<hr/>				
			4	

Step 3) This is the final step of our calculation. We already have the total for the ones place, we just need to total for the tens place. We would just add $1 + 2 = 3$. This would be our total for the problem as you will see completed below.

		Tens	Ones	
		2	8	
	+		5	
<hr/>				
		3	4	

