Using Goal Seek

The **Goal Seek** command is a very useful timesaving measure. For example, Goal Seek can help you calculate the percentage of pay you should save each week to reach a specific savings goal.

In this exercise you will calculate the total savings, given a percentage saved each week. This is suitable for the Goal Seek function as the result (Total Saved) is directly dependent on the variable (Percentage Saved Weekly).
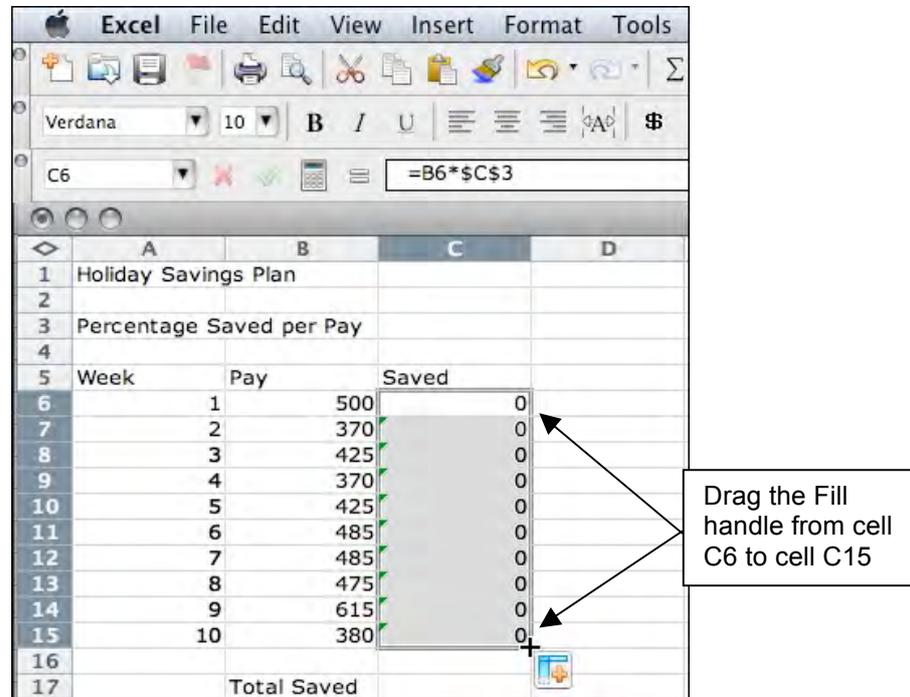
1. Start a new file (save it as **Goal Seek**) and enter the data and text as shown below.

	A	B	C
1	Holiday Savings Plan		
2			
3	Percentage Saved per Pay		
4			
5	Week	Pay	Saved
6	1	500	
7	2	370	
8	3	425	
9	4	370	
10	5	425	
11	6	485	
12	7	485	
13	8	475	
14	9	615	
15	10	380	
16			
17		Total Saved	

2. Use a formula to calculate the amount saved each week and the total saved. The formula in cell **C6** should be **=B6*C3**

Amount Saved formula

3. The formula will return a zero values as no percentage has been entered in cell C3.

4. Click and hold on the small square handle at the bottom right corner of cell **C6** and drag it down to cell **C15** to copy the formula for the other weeks.

	A	B	C	D
1	Holiday Savings Plan			
2				
3	Percentage Saved per Pay			
4				
5	Week	Pay	Saved	
6	1	500	0	
7	2	370	0	
8	3	425	0	
9	4	370	0	
10	5	425	0	
11	6	485	0	
12	7	485	0	
13	8	475	0	
14	9	615	0	
15	10	380	0	
16				
17		Total Saved		

C6 = =B6*C3

Drag the Fill handle from cell C6 to cell C15

5. Click on cell **C17** and use the **Sum** function button to sum the cells **C6:C15**

	A	B	C	D
1	Holiday Savings Plan			
2				
3	Percentage Saved per Pay			
4				
5	Week	Pay	Saved	
6	1	500	0	
7	2	370	0	
8	3	425	0	
9	4	370	0	
10	5	425	0	
11	6	485	0	
12	7	485	0	
13	8	475	0	
14	9	615	0	
15	10	380	0	
16				
17		Total Sav	0	
18				

C17 = =SUM(C6:C16)

Enter a sum formula to add the weekly savings