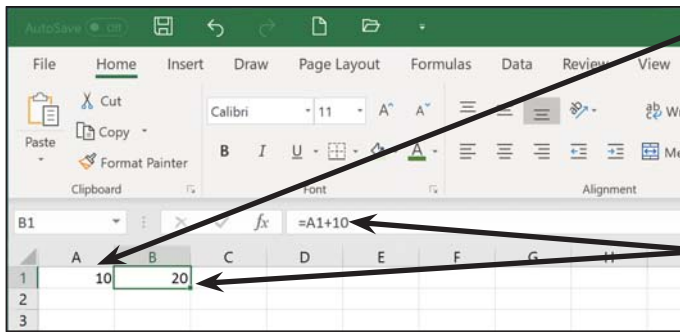


## Copying Cell Data

In this chapter you will learn about COPYING which is one of Microsoft Excel's most useful features. It allows you to enter a formula, label or value once and copy the cell contents to as many other cells as required.

- 1 Load Microsoft Excel or close the current file and start a new BLANK WORKBOOK.



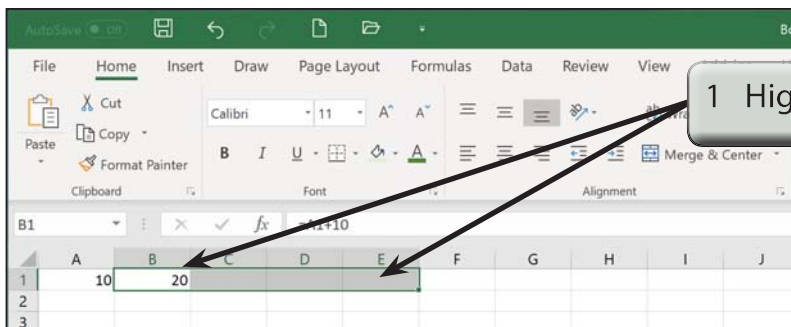
2 In cell A1 enter the value: 10

3 Move the cursor to cell B1 and enter the formula:  
=A1 + 10

The screenshot shows the Excel interface with the Home tab selected. Cell A1 contains the value '10' and cell B1 contains the formula '=A1+10'. Callout boxes with arrows point to these cells and the formula bar.

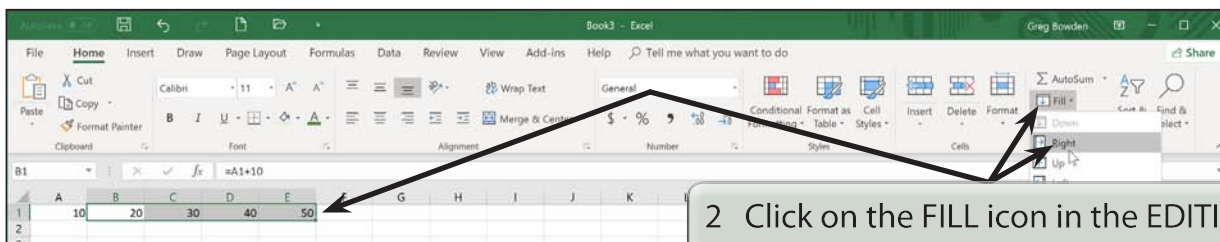
## Fill Right

Suppose that we want a similar formula in the next 3 cells. Instead of having to go to each cell in turn and entering the formula, Excel provides you with a short cut.



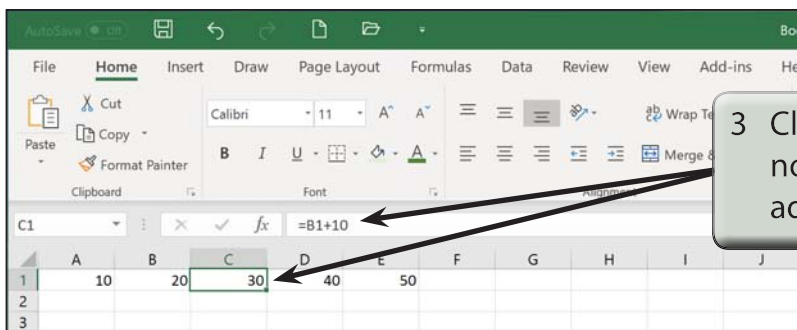
1 Highlight cells B1 to E1.

The screenshot shows the Excel interface with cells B1, C1, D1, and E1 highlighted. A callout box with an arrow points to the selected range.



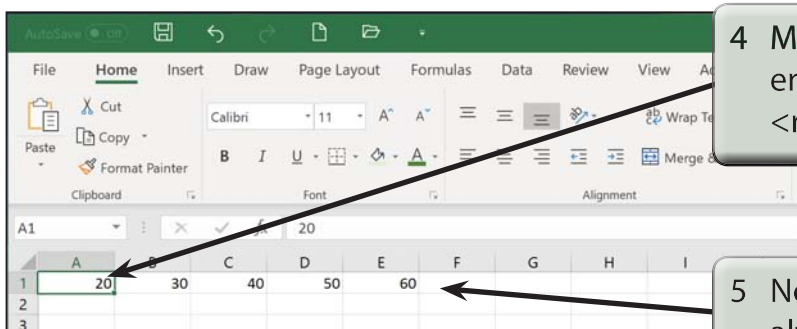
2 Click on the FILL icon in the EDITING group of the HOME tab, select RIGHT and the formula should be copied to each of the highlighted cells.

The screenshot shows the Excel interface with the Fill button in the Home tab's Editing group highlighted. The formula has been copied to cells C1, D1, and E1, resulting in values 30, 40, and 50 respectively. A callout box with an arrow points to the Fill button.



3 Click in each cell (C1, D1, E1) and notice that the formula has been adjusted in each cell.

**NOTE: This is called RELATIVE COPYING and it means that the structure of the formula is copied; that is, one column back in the same row plus 10.**

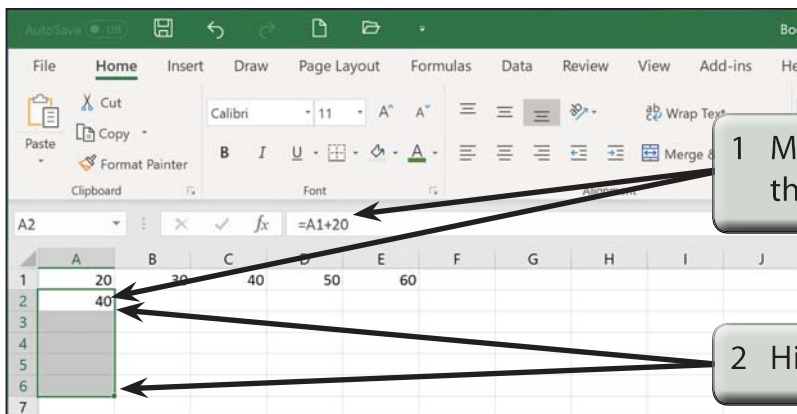


4 Move the cursor back to cell A1, enter: 20 and press the <enter> or <return> key.

5 Notice that all the other values alter accordingly.

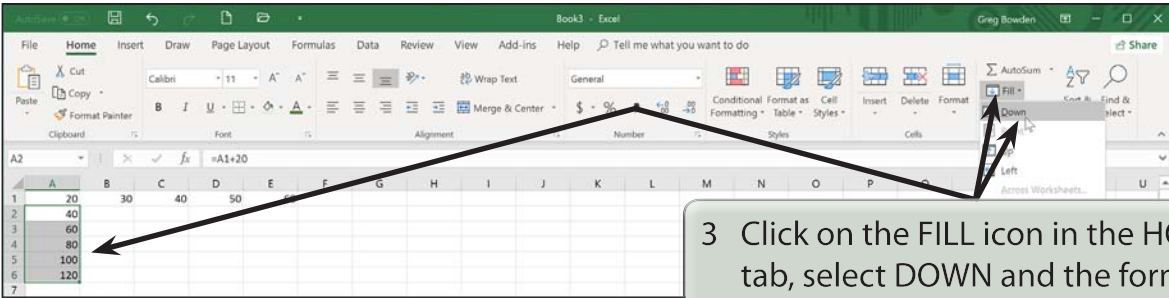
## Fill Down

You can also fill cells down.

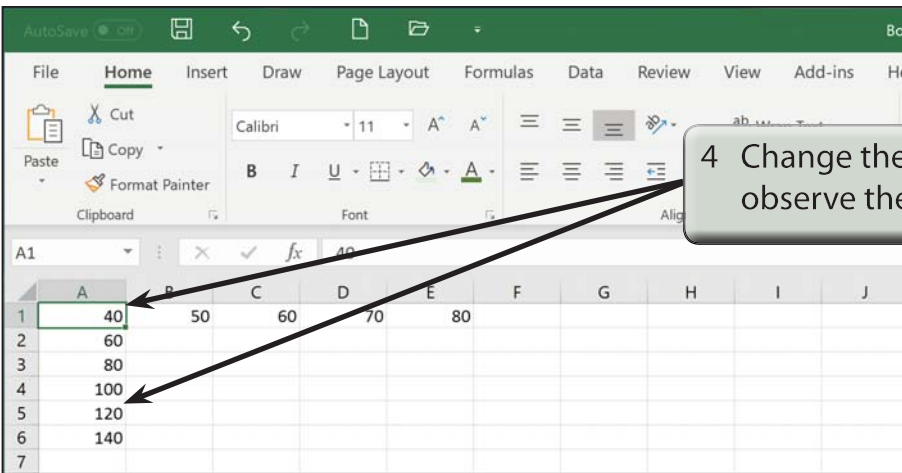


1 Move the cursor to A2 and enter the formula:  $=A1 + 20$

2 Highlight cells A2 to A6.



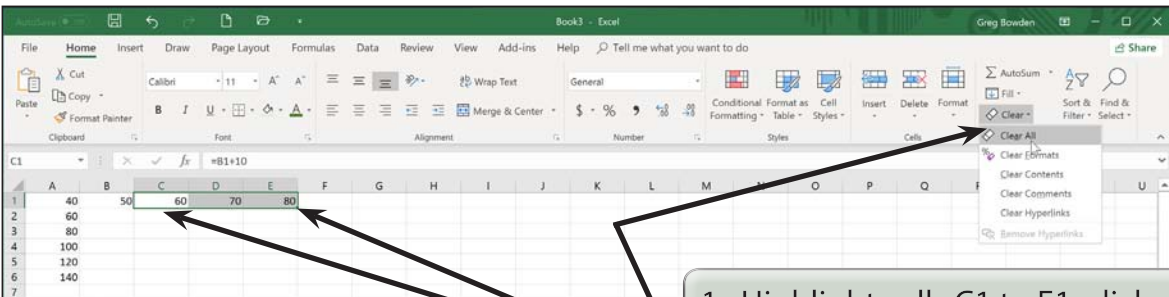
3 Click on the FILL icon in the HOME tab, select DOWN and the formula should be copied to the other 4 highlighted cells.



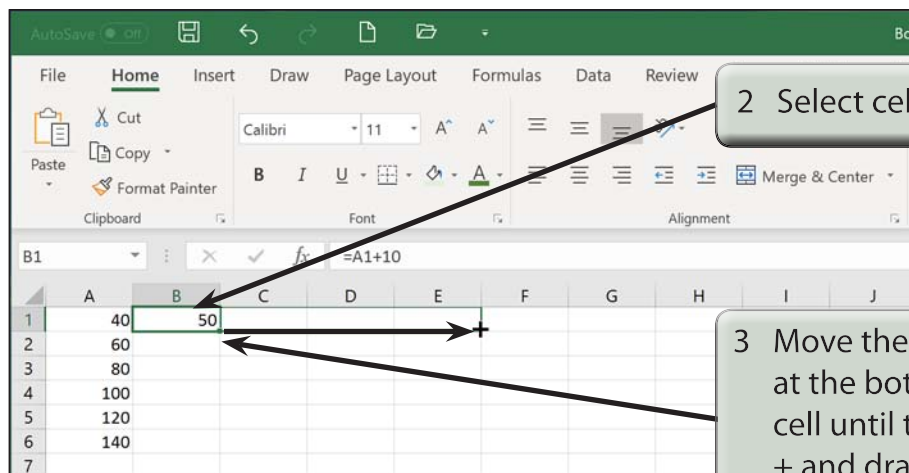
4 Change the value in A1 to 40 and observe the effect on the other cells.

## Autofill

AUTOFILL enables you to fill cells by simply dragging a 'handle'.

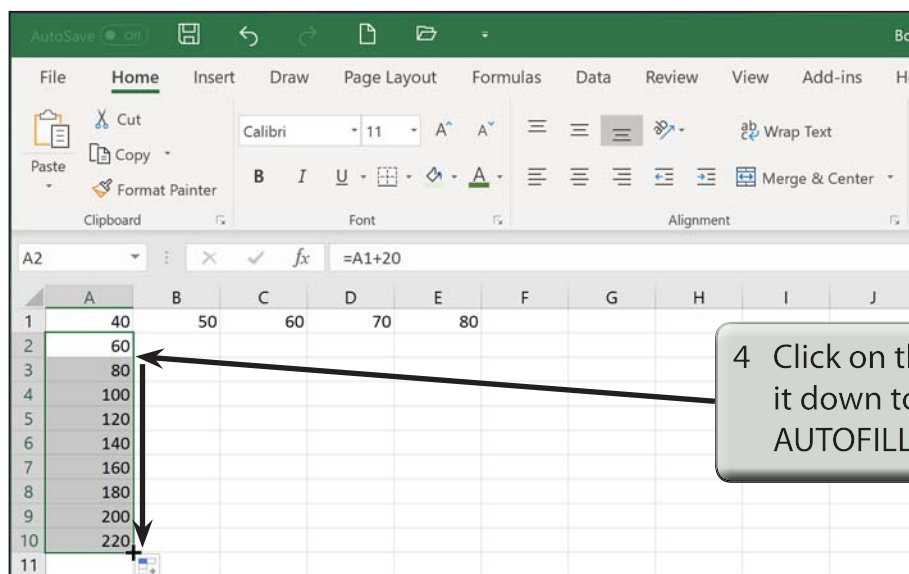


1 Highlight cells C1 to E1, click on the CLEAR icon in the EDITING group of the HOME tab and select CLEAR ALL to clear the cell contents.



2 Select cell B1.

3 Move the pointer over the 'handle' at the bottom right corner of the cell until the pointer changes to a + and drag the 'handle' to the cell E1.



4 Click on the cell A2 and AUTOFILL it down to A10 by dragging its AUTOFILL 'handle' down.