****

**Activity 3: Populations**Spread sheet instructions

### A spreadsheet of the growth rate of a town



|  |  |
| --- | --- |
| 1 | Open a spreadsheet and save it with the file name Population Growth. |
| 2 | Type the labels in Cells A1 and A2. |
| 3 | Type 0 into Cell B1 and 1 into Cell C1 then highlight both cells. Drag the bottom right-hand corner of C1 across the row to complete the pattern. |
| 4 | Type 5000 into Cell B2. |
| 5 | In Cell C2, type the formula =B2\*1.02 then press the Enter key. |
| 6 | Click on Cell C2 then drag the bottom right-hand corner of C2 across the row to complete the pattern. |
| 7 | Use your spreadsheet to check your calculator answers. |
| 8 | Change the number in Cell B2 to the current population of Australia. You may need to make the columns wider. If the population of Australia increases by 2% per annum what will it be in 50 years? |