

Assignment 2: Spreadsheets

Cereal Survey

A group of year 9 students have been comparing different breakfast cereals. Their teacher is using a spreadsheet to analyse this data.

1. Launch a spreadsheet program and enter the following data:

	A	B	C	D	E
1	Cereal Survey				
2	Cereal Name	Manufacturer	Cost (KD)	Weight (kg)	Cost per gram (KD/kg)
3	All Bran	Kelloggs	0.775	0.375	?
4	Cornflakes	Kelloggs	0.775	0.500	?
5	Frosties	Kelloggs	0.850	0.375	?
6	Rice Crispies	Kelloggs	0.750	0.375	?
7	Shredded Wheat	Nabisco	0.725	0.400	?
8	Shreddies	Nabisco	0.650	0.400	?
9	Special K	Kelloggs	0.550	0.275	?
10	Special Muesli	Jordans	0.750	0.500	?
11	Toasted Wheaties	Post	0.825	0.500	?
12	Average		?	?	?
13					

Complete the spreadsheet above by inserting appropriate formulas into the marked cells.
Format the averages to be correct to three decimal places.

Print your spreadsheet in landscape view with your name and form in the footer, with gridlines showing. [10]

2. Some mistakes were made when collecting the original data.

Special K should be **KD0.350** for a **175g** box. **Weetabix**, made by **Nabisco**, costing **KD0.875** for a **400g** box also needs to be included, and **Jordan's Special Muesli** is no longer available, so it should be removed. Amend your spreadsheet to include these changes, altering any formulas if necessary.

Print a copy of your spreadsheet in formula view on a single sheet of paper. [5]

3. Using the charting tools, create a bar chart to compare the cost per gram for each cereal.

Print your chart, with your name and form in the page footer.. [5]