

## What is the value of the contents in a lorry?

### Background information

You work for a logistics company, Dynamic, and your role is to ensure there is a list of all the contents being transported in each of the company's lorries and the total value of the contents in a lorry. Each lorry carries different types and numbers of items so the value of each lorry's contents will be different. The value of the contents of the lorry needs to be calculated because Dynamic adds a fee, equal to 15% of the value of the contents of a lorry, to its overall transportation charges to cover the cost of insurance for the contents whilst they are being transported. The more valuable the contents in a lorry, the higher this additional fee.

A technology company, TEX4U, has asked Dynamic to transport some electronic goods from TEX4U's factory to a warehouse. TEX4U have emailed a list of the items they would like transported. The data includes:

- the number of each item
- the individual item value

### Your task

From the following information create a spreadsheet to:

- Calculate the total value of each item type using the quantity and individual item value
- Set the format of the cells to currency where appropriate
- Use conditional formatting to highlight items with total value:
  - Greater than £30,000 set the cell to yellow
  - Greater than £50,000 set the cell to red
- Calculate the overall total value of the contents of the lorry
- Calculate 15% of the total value of the lorry to be added to the overall transportation charge
- Create a pie chart showing the quantity of each item type on the lorry
- Create a bar chart showing the total value for each item type

## The information

The following information has been sent to Dynamic by TEX4U.

Item type	Quantity	Individual item value	Total Value
Laptop	16	799	£12,784.00
Desktop Computer	12	899	£10,788.00
MAC Desktop Computer	5	1349	£6,745.00
Mobile phone	63	699	£44,037.00
Monitor	8	109	£872.00
Gaming chair	4	549	£2,196.00
VR	18	459	£8,262.00
Game console - PS5	85	389	£33,065.00
Game console - switch	136	259	£35,224.00
Game console - xbox series x	90	479	£43,110.00
Tablet - Android	55	599	£32,945.00
Tablet - iPad	55	999	£54,945.00
		Lorry contents total value	£284,973.00
		15% value charge	£42,745.95