

Line Graph and Chart Worksheet

This exercise will cover the following:

- Illustrating data
- Line Graphs
- Pie Charts
- Area graphs
- Clustered Column Charts

Exercise Name: Line Graph and Chart Worksheet

The exercise begins:

Question 1:

Marco Funding Institute has issued their data for Last Year and Current Year, covering the regional areas of North, South, and Central.

Marco Funding Institute			
	<i>Funding in Millions</i>		
Area	Last Year	Current Year	Next Year
North	100	110	
South	50	70	
Central	50	40	

- Plot the data on a Line Graph with all the usual requirements
- Use the Line Graph to illustrate the probability as to figures for Next Year to help forecast the future
- Show the split using a Pie Chart and appropriate angles for each segment occupying part of the pie, with all the usual requirements of a chart

ANSWER:

Use a separate piece of paper or even better some graph paper.

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Question 2

Mark Co – Funding Analysis specialists have published their accounting figures enabling a comparison between the annual spend on marketing and the company sales, all in millions, covering the first five years of operations.

Mark Co - Funding Analysis

Accounting Figures Comparison (Millions)		
Year	Marketing Spend	Company Sales
1	0	5
2	25	15
3	20	25
4	10	5
5	25	20

- (a) Plot the information onto a line graph with usual elements for a line graph
- (b) Illustrate the area occupied upon the graph by drawing another similar graph using shading or colour showing the company sales against a backdrop of marketing spending. To show how one is more prominent than the other.

ANSWER:

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Question 3

Efficiency index has been calculated and published by Gillan Corp. Each department contributes to the organisational efficiency drive and figures issued across a period of three years.

Gillan Corp - Efficiencies Index					
			Index		
		Year 1	Year 2	Year 3	
Department	Marketing	25	35	45	
	Manufacturing	20	25	30	
	Shipping	40	35	25	
	Quality Department	35	50	45	

- (a) Plot the information onto a line graph showing how each year index amount compares between each other for each department.
- (b) Illustrate the contribution of each year to the overall departmental total using a relevant chart.

ANSWER:

The exercise ends. Check your work once completed.