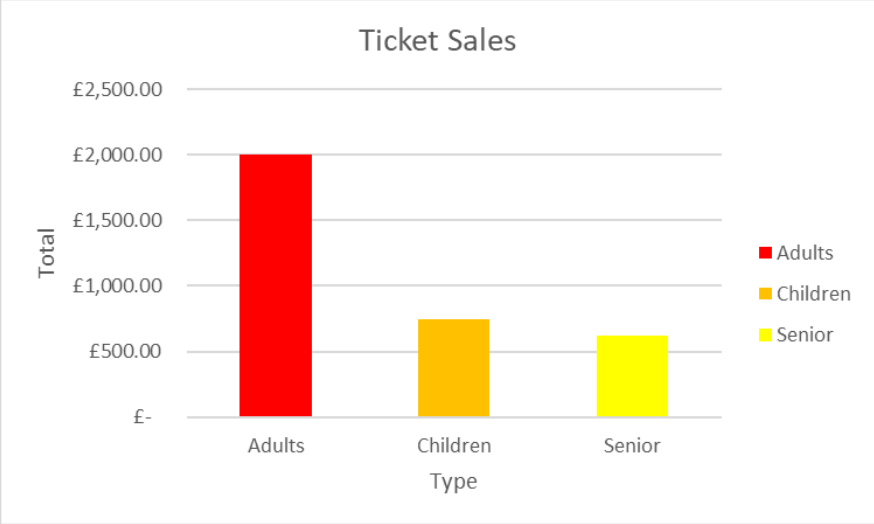
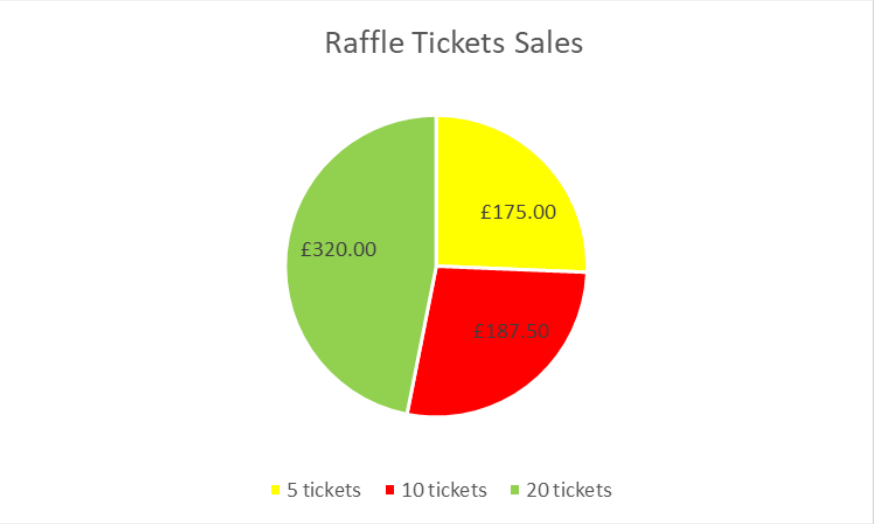
Spreadsheets

Lesson 5 & 6

Starter - Discuss

What are the advantages of displaying information in a Graph Format?





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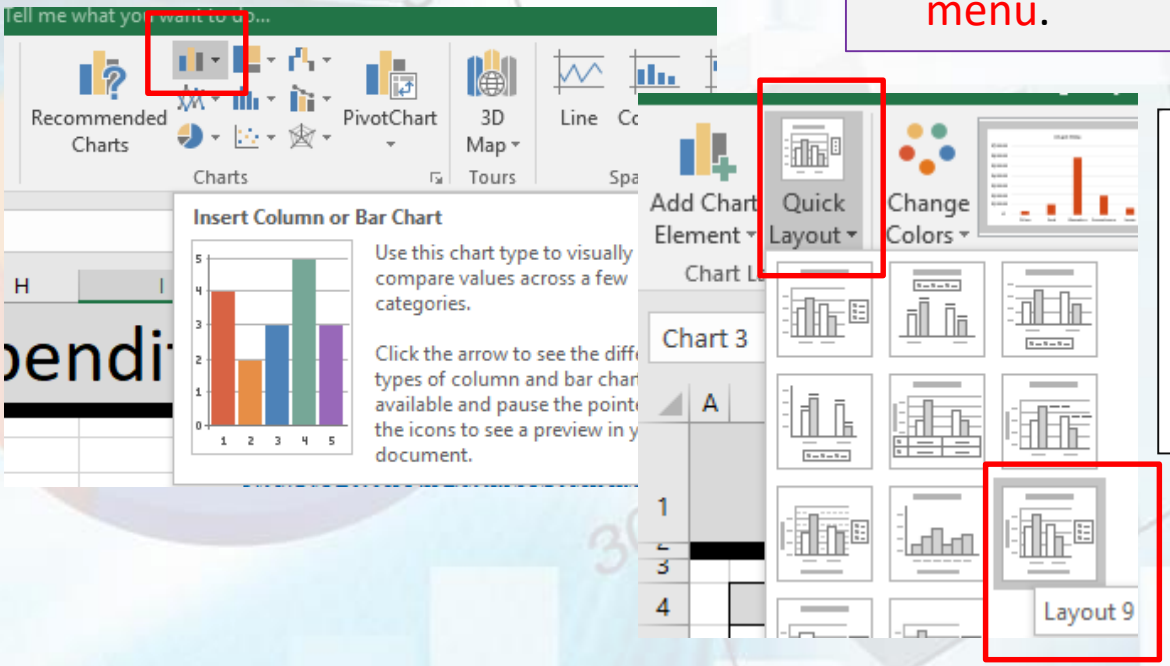
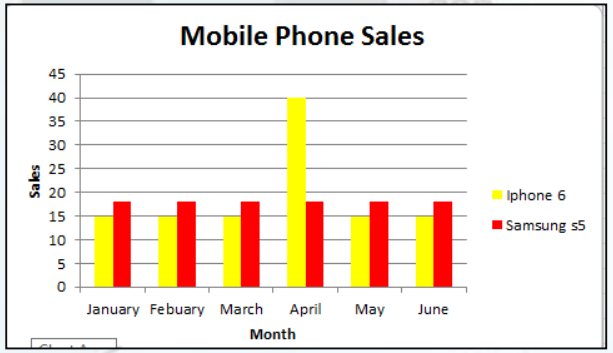
Creating a graph

	A	B	C	D	E	F	G
1							
2		Task 1: Mobile Phone Sales					
3							
4		Sales					
5		January	Febuary	March	April	May	June
6	Iphone 6	15	15	15	40	15	15
7	Samsung s5	18	18	18	18	18	18
8	Sony Xperia	5	5	5	5	5	5

- Highlight the cells that will be required to create the chart.
- Select the a chart option (Bar, Pie, line etc.)
- You can add labels to your graph by selecting Layout 9 from the Quick Layout menu.





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Lesson Overview

Objectives
Understand the effects of changing data within your spreadsheet (modelling).
Understanding the need to present information in different forms (graphs)
Understand the need to test formulas and functions for errors making necessary changes and identify improvements.

Outcomes		Time
Task 1	You will complete the income sheet.	
Task 2	You will create two graphs for Ticket sales for the entrance to the party and the Raffle.	
Task 3	Using an If statement you will work out if your party has made a profit or loss.	

Task 1 – Income Sheet

- You need to try and raise enough money to cover the total expenditure costs: Enter Suitable formulas and Functions.

How many adults, Children and Seniors are you inviting to the party

Ticket Sales

Forcasted Numbers	Type	Cost	Total
100	Adults		
50	Children		
50	Senior		
		Ticket Total	

The Cells Highlighted Yellow and the costs can be changed.

How much will you charge per a ticket for adults, children and seniors

How many sets of raffle tickets do you need to sell

Raffle Tickets

Type	Items Sold	Cost	Total
5 tickets	35		
10 tickets	25		
20 tickets	20		
		Raffle Total	

What would you like to charge for each set of raffle tickets (5, 10, 20 tickets)

Total Income

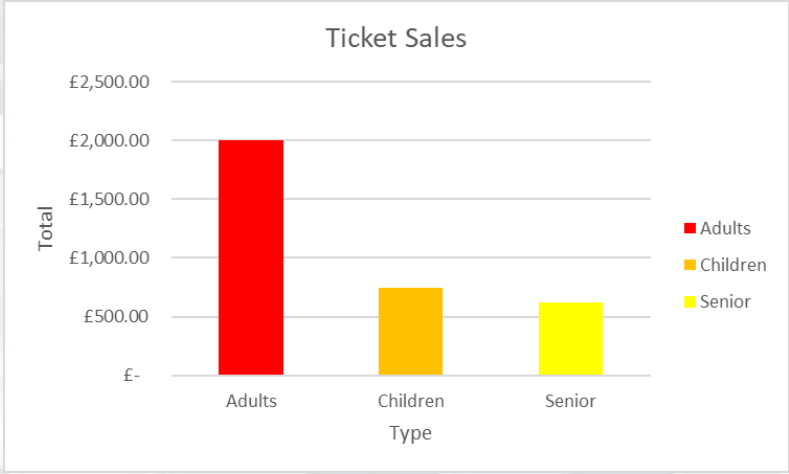
Type	Total
Donation	
Tickets	
Raffle	
Income Total	

Enter your parents donation amount (Maximum 1000) as well as the totals for Ticket and Raffles sales.

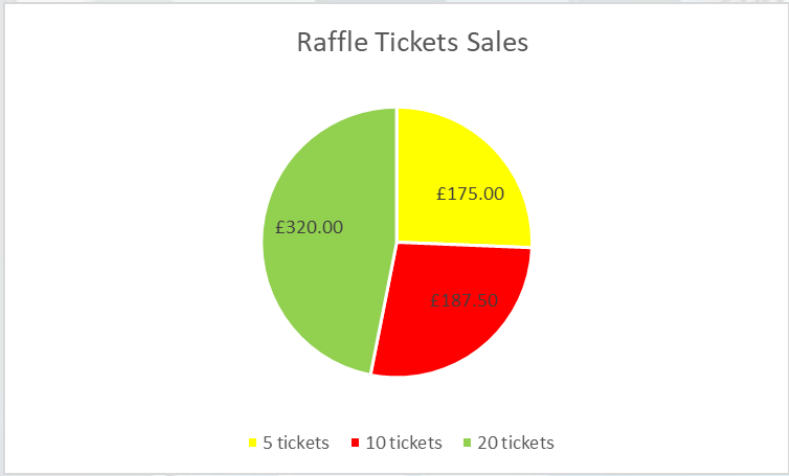
Use a Function to work out the total Income value.

Task 2 – Creating Graphs

- You need to create a bar graph for the ticket sales – Highlight the Type and Total Column



- You need to create a pie Chart for the Raffle Ticket sales – Highlight the Type and Total Column



Add appropriate titles and labels.

Plenary – Refer to the Lesson Objectives

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Understand the effects of changing data within your spreadsheet (modelling).
Understanding the need to present information in different forms (graphs)
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Plenary Task (Q&A)

Discuss why you would use a spreadsheet to complete this task.