Data Handling.

Hmmmmm .... Pie

We have already explored bar and line graphs. Next we are going to explore pie charts.

Pie Charts

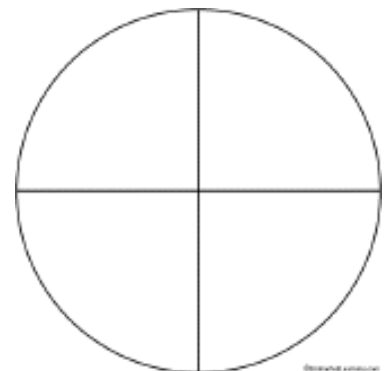A pie chart is just another way to represent data.

When we want to complete a pie chart we make a tally chart to record the information in the same way as we did for bar and line graphs.

We use a different colour to show us the number of each different item or category.

When we make a pie chart we divide the circle into segments.

In the example, 4 people were asked which flavour ice-cream they would prefer.

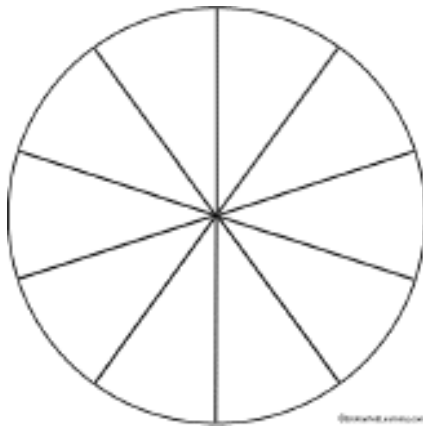| Ice Cream Flavour	Number
Chocolate	2
Strawberry	2

The circle is divided into 4 so colour

2 parts brown

2 parts pink

1. Donna had a £10 iTunes voucher and this is what she spent it on.
   Look at the chart.

Type	£'s
Apps	2
Music	3
Films	5

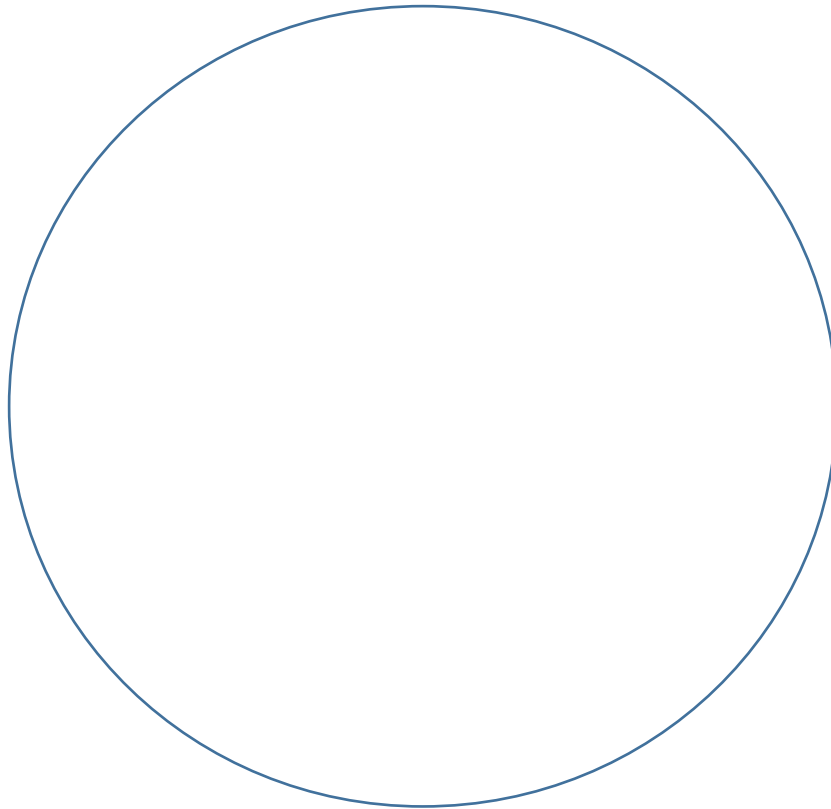How many parts would you divide your circle into?   I have done this one for you.

The answer is 10 because she had £10 to spend.

Colour the parts to show the amount she spent on each item.

2. 12 people voted for their favourite drink. Here are the results.

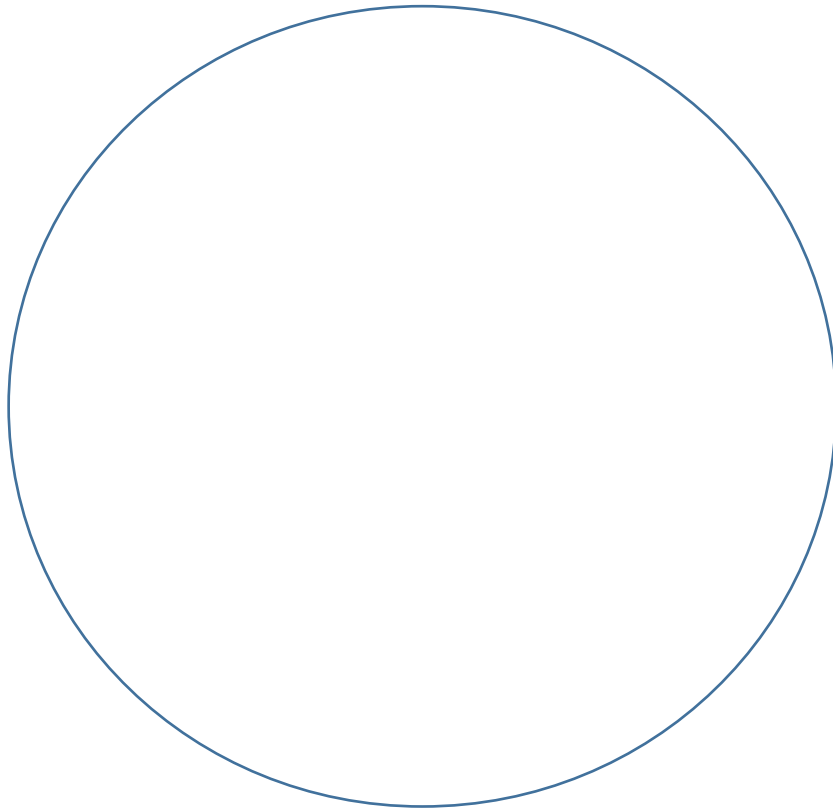| Type	£'s
Coke	4
Lemonade	3
Vimto	3
Water	2

Divide the circle into the right number of parts and colour the parts to show the results in the table.

3. 16 people were asked what their favourite cartoon was. Here are the results.

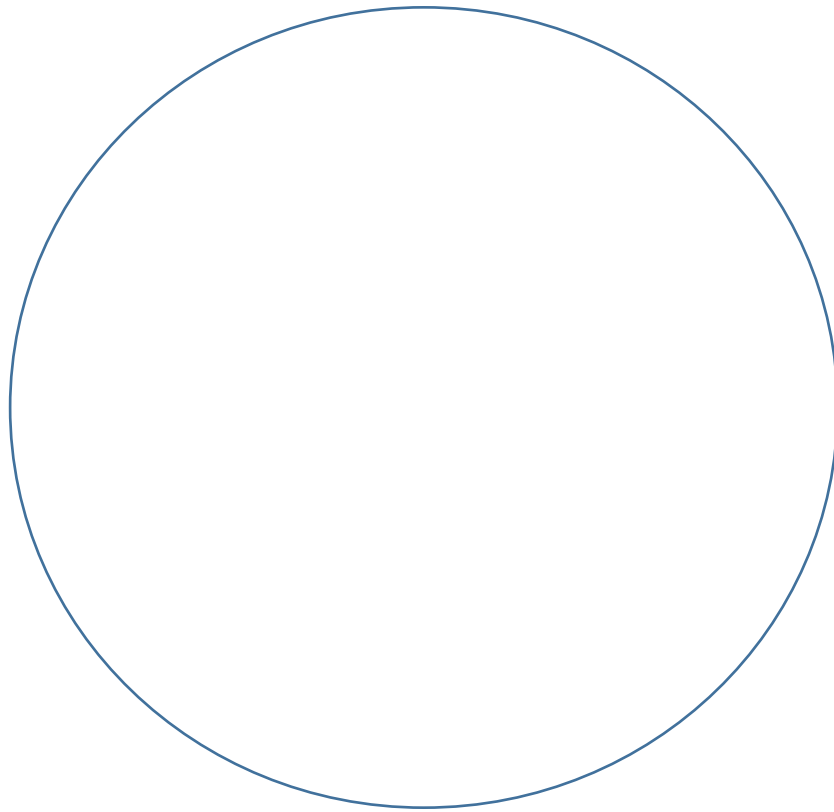| Cartoon	Number
Spongebob	5
Phineas and Ferb	3
Fairy Odd Parents	3
Scooby Doo	2
Simpsons	2
Tom and Jerry	1

Divide the circle into the right number of parts and colour the parts to show the results in the table.

4. A child spent £20 on fairground rides.
   Here is what they spent their money on.

Type	£'s
Big Dipper	6
Ghost Train	5
Tea Cups	4
Ferris Wheel	3
Bumper Cars	2

Divide the circle into the right number of parts and use the colour the parts to show the results in the table.

Self-evaluation:

| Easy | Tricky | Too hard |

I think this because