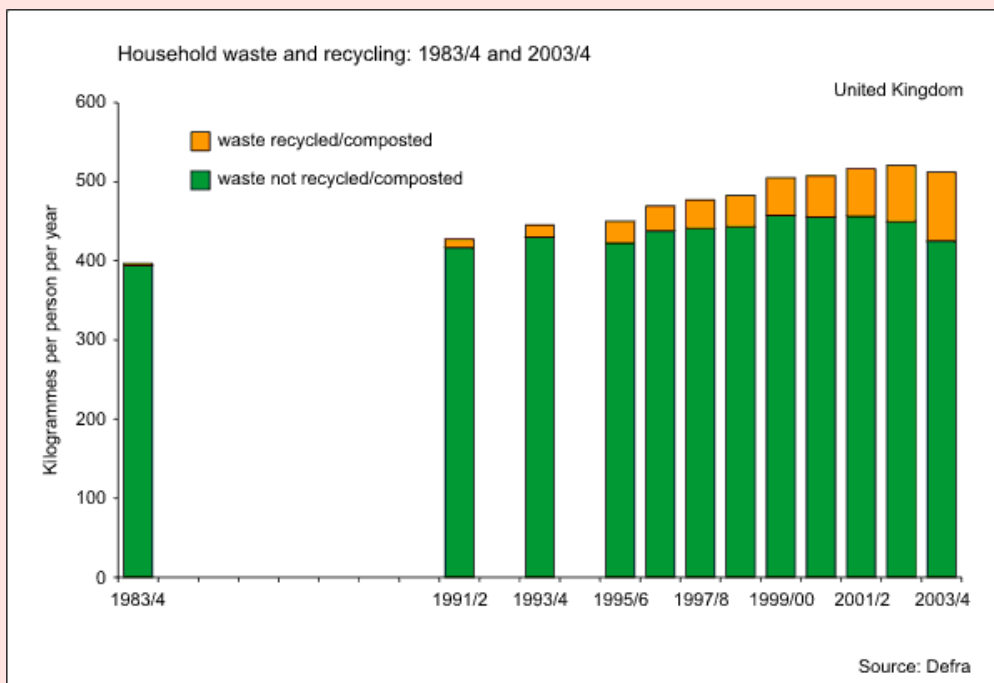


## Interpreting Data

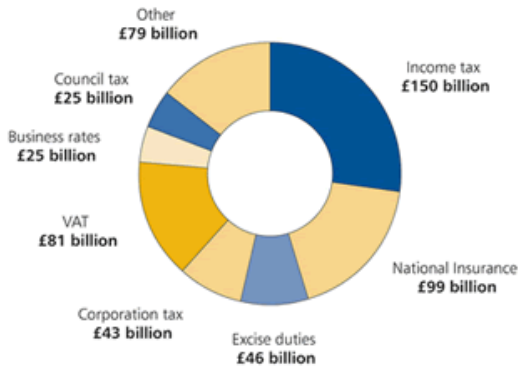
Waste not...? see attachment.

Write a few sentences about the graph; one in the pair writing to support what the government has done and the progress made, one criticizing the progress made.



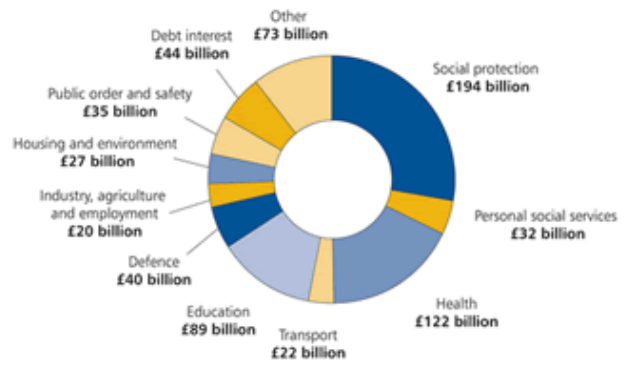
### Government receipts 2010-11

Total receipts – £548 billion



### Government spending 2010-11

Total spending - £696 billion



## Pie charts using numerical data



The reading preferences of 36 students in a class were:

Degrees per person =  $\frac{360}{36} = 10^\circ$

16 liked fiction  $160^\circ$   
6 liked non fiction  $60^\circ$   
12 liked magazines  $120^\circ$   
2 liked reference books  $20^\circ$

Number of degrees per person

The reading preferences of 10M2 are:

degrees p.p =  $\frac{360}{24} = 15^\circ$

14 like fiction  $210^\circ$   
2 like non fiction  $30^\circ$   
1 like magazines  $15^\circ$   
2 like reference books  $30^\circ$   
5 like other  $75^\circ$

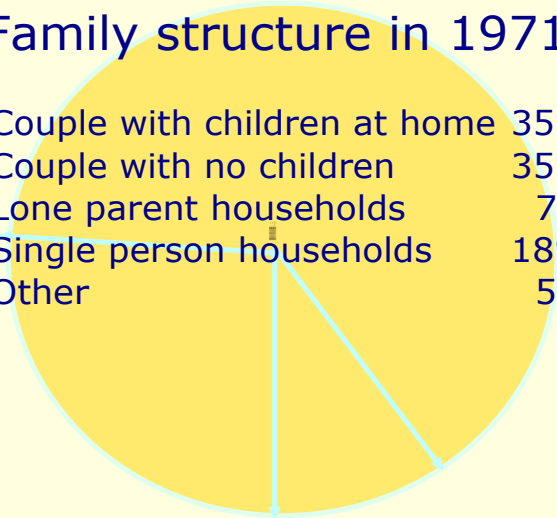
An easy way to remember:  
Suppose there were 360 people...how many degrees each?  
Suppose there were 180 people, how many degees each?

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## Pie Charts using percentages

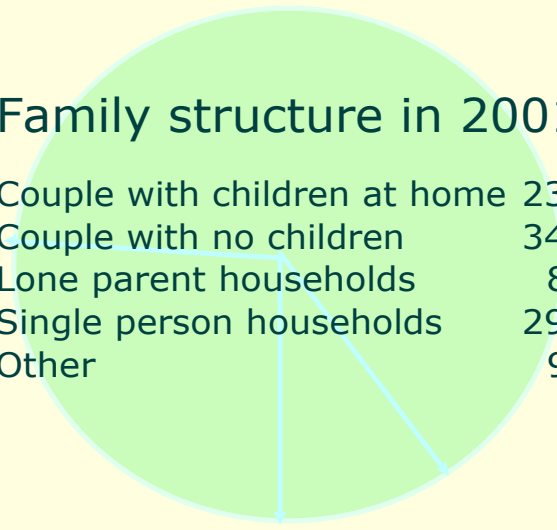
### Family structure in 1971

Couple with children at home	35%
Couple with no children	35%
Lone parent households	7%
Single person households	18%
Other	5%



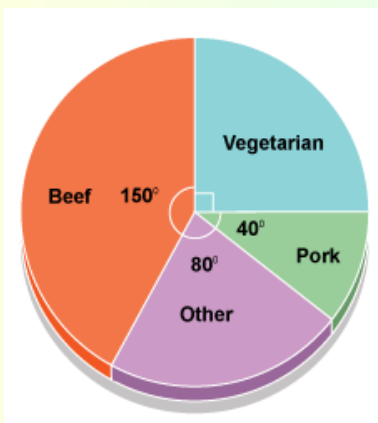
### Family structure in 2001

Couple with children at home	23%
Couple with no children	34%
Lone parent households	8%
Single person households	29%
Other	9%



couple with children	35% of	
couple with no children	35% of	
lone parent		
single person		
other		

## Interpreting Pie charts



A pie chart showing students choice at a canteen.

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## Attachments

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Monopoly.pdf

waste.pdf