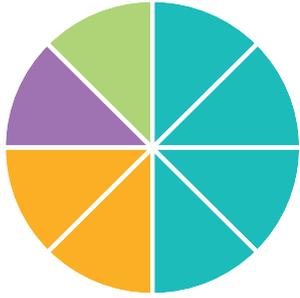


- 1) This pie chart shows the holiday destinations for 560 people.



### Holiday Destinations



- Spain
- France
- Greece
- Portugal

- a) How many people went to Spain on holiday?
- b) What fraction of the people chose to go to Greece?
- c) How many more people went to France than Portugal?

- 2) This pie chart shows the results when 160 people were asked to name their favourite fruit.

### Favourite Fruit



- Apple
- Orange
- Pear
- Banana
- Mango

- a) How many people altogether chose pears and oranges as their favourite fruit?
- b) How many more people chose apples than mangoes as their favourite fruit?
- c) What fraction of people chose apples as their favourite fruit?

- 3) This pie chart shows the different quantities of materials from 250kg of recycled rubbish.

### Recycling



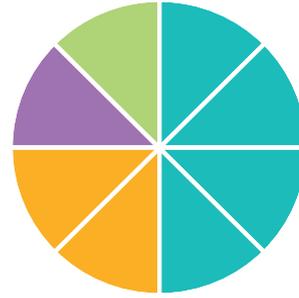
- Plastic
- Cardboard
- Glass
- Clothing
- Other

- a) Find the weight in kg of each of these materials collected:
  - glass
  - plastic
  - clothing
- b) Create two of your own questions that could be asked about the chart.

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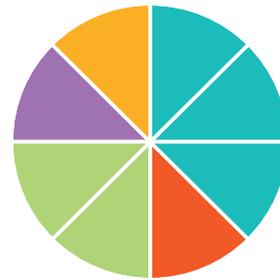


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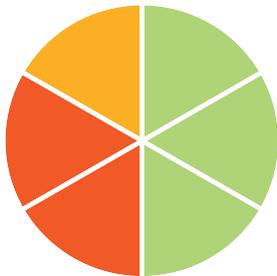
### Favourite School Subjects



- a) 20 children said music was their favourite subject.  
 b) 40 more children chose PE than history.  
 c)  $\frac{1}{7}$  of the children who were asked chose history as their favourite subject.  
 d) 25 children from year 5 and 17 children from year 6 chose art as their favourite subject.
- 2) A football team played 36 games and a rugby team played 48 games in a season.

Their results are shown in these pie charts:

#### Football



#### Rugby



Look at the statements and explain if you agree or disagree with each child, giving reasons for your answer.

**Jack:** "I think the football team and the rugby team won the same number of games."

**Ruby:** "Looking at the pie chart, I think the football team must have lost more games as their loss section looks larger."

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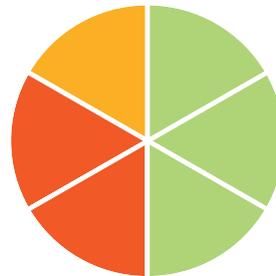
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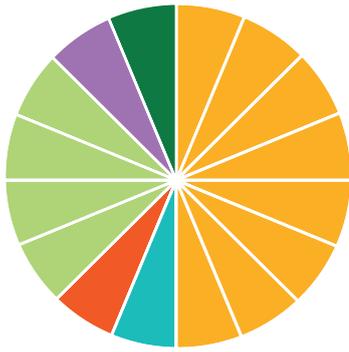


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**Jack:** "I think the football team and the rugby team won the same number of games."

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- 1) This pie chart shows the numbers of different insects that were found in a back garden.



- Wasp
- Beetle
- Bee
- Dragonfly
- Woodlouse
- Grasshopper

Answer the following questions, showing your working out.

- a) If the number of dragonflies found in the garden was 3, how many insects were found in the garden altogether?
- b) How many more beetles were found than grasshoppers?
- c) The woodlice that were found were either black or brown.  $\frac{1}{4}$  were black. How many brown woodlice were found?
- d) The next day the total number of insects found was the same. 18 of these insects were now bees. What fraction of the chart would be bees?

- 2) These pie charts show the different types of transport children use to travel to school.

**Year 5**

Transport to School



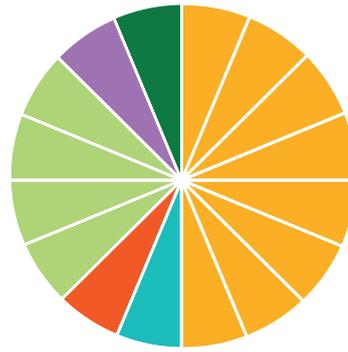
- Walk
- Bike
- Car

Use these facts to help you answer the following questions:

30 children walk to school in year 5.  
12 children bike to school in year 6.

- a) What is the difference between the numbers of children who walk to school in year 5 and year 6?
- b) What is the difference between the numbers of children who bike to school in year 5 and year 6?
- c) Compare the fraction of children and number of children who travel by car in year 5 and year 6.

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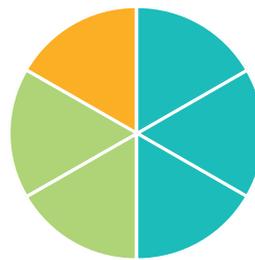
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