



Joyfulmathswithruth

Functional Skills and GCSE Foundation

Edexcel

Unit 3: Data handling Lesson 3 - Pie charts

FS1

FS2

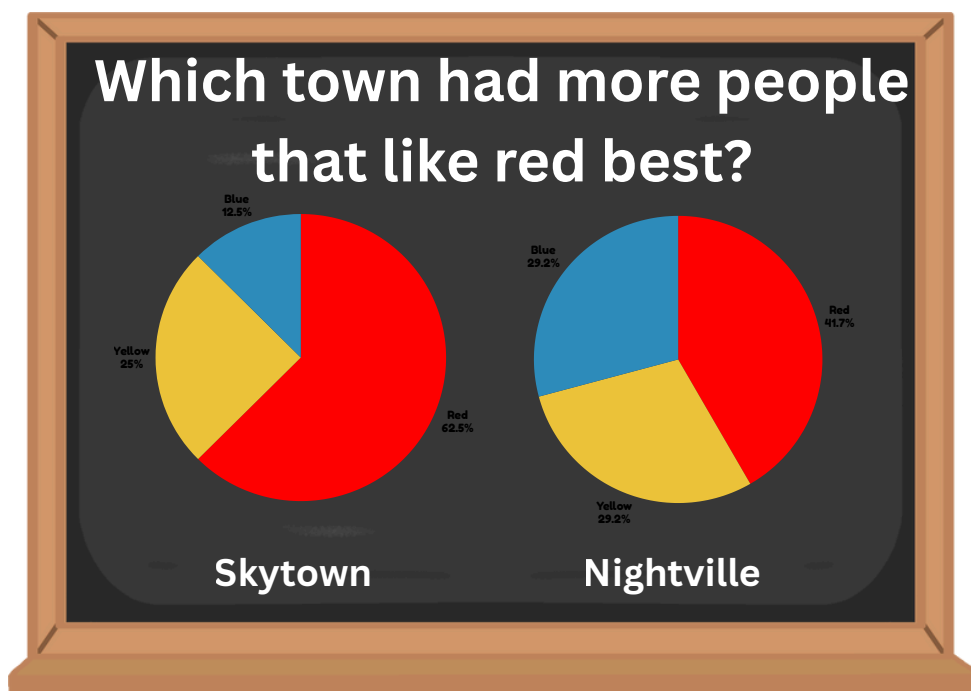
GCSE

iGCSE

Bring to join in: a tin of
beans, a ruler, a pencil, a
calculator

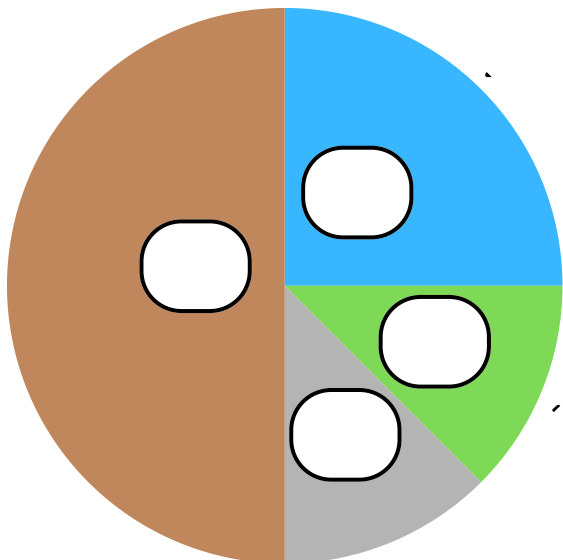


Start thinking:

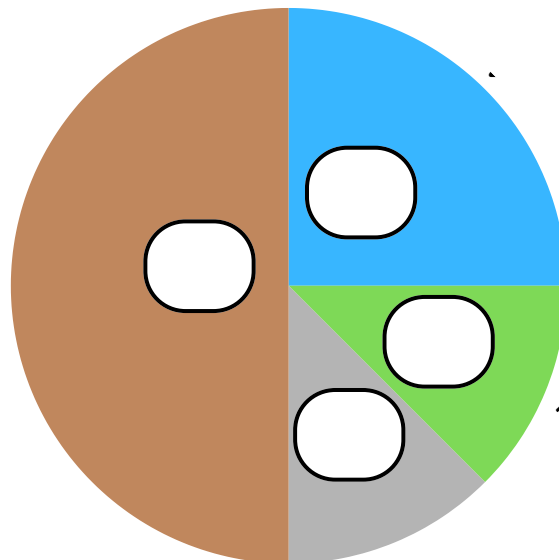


Pie chart - proportion

Fraction




Percentage



How many

Eye colour in 120 children

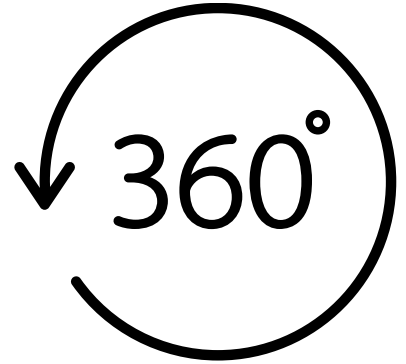


-  **Blue**
-  **Green**
-  **Grey**
-  **Brown**

| Fruit | Frequency |
|----------|-----------|
| Ireland | 5 |
| Wales | 9 |
| Scotland | 15 |
| England | 31 |

We need to share
360 degrees
between 60
people

+



60

Space for notes

30 people are asked their favourite colour



| Fruit | Frequency |
|--------------|------------------|
| Red | 7 |
| Blue | 12 |
| Purple | 7 |
| Yellow | |

Space for notes

Bingo

| | | |
|------------|------------|------------|
| 100 | 9 | 1/6 |
| 1/4 | 50% | 25 |
| 25% | 40 | 6 |

Space for notes



Practice questions

At home:

Reading pie charts - Corbett Maths

<https://corbettmaths.com/wp-content/uploads/2018/09/Pie-Charts-pdf.pdf>

Answers:

<https://corbettmaths.com/wp-content/uploads/2023/05/Reading-pie-chart.pdf>

Videos

<https://corbettmaths.com/2013/05/25/interpreting-pie-charts/>

Drawing pie charts - Corbett Maths

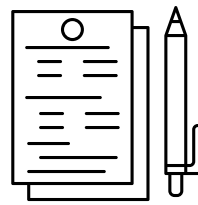
<https://corbettmaths.com/wp-content/uploads/2019/01/Drawing-Pie-Charts.pdf>

Answers:

<https://corbettmaths.com/wp-content/uploads/2019/01/Drawing-Pie-Charts-Answers.pdf>

Videos

<https://corbettmaths.com/2013/02/27/drawing-a-pie-chart/>



Exam questions

At home:

Past paper questions - Kenneth Stafford

These are aimed at GCSE foundation

<https://www.kennethstafford.co.uk/resources-folder/past-paper-questions/grade-2-gcse-maths-topics/pie-charts/questions-pie-charts-past-paper-questions>

Answers:

<https://www.kennethstafford.co.uk/resources-folder/past-paper-questions/grade-2-gcse-maths-topics/pie-charts/answers-pie-charts-past-paper-questions>

Video from Maths Genie (pause to do the questions as you go through):

<https://www.mathsgenie.co.uk/pie-charts.php>