



THIRD SPACE
LEARNING

GCSE Exam Questions

Pie Chart | Statistics

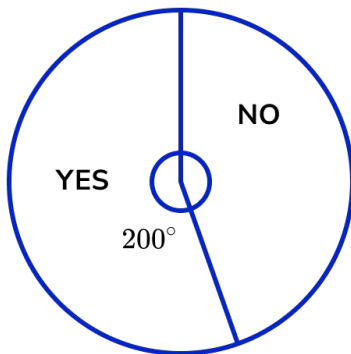
GCSE Exam Questions: Pie Chart

- 1) In a pie chart, one sector represents $\frac{1}{5}$ of the data.
What is the angle of that sector? Circle the correct answer.

5° 20° 50° 72°

(1 mark)

- 2) A school does a survey asking if there should be a school uniform or not.
The pie chart shows the results.



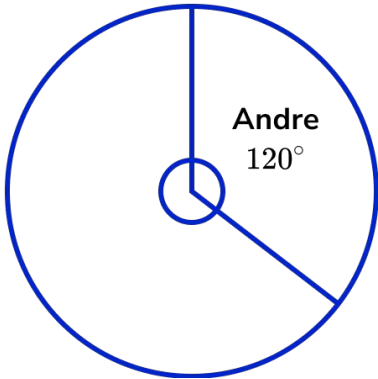
There were 80 **fewer** NO votes than YES votes.

How many votes were there altogether?

----- votes
(3 marks)

GCSE Exam Questions: Pie Chart

3) (a) Tadeo records the winners of 45 games.
He starts to draw a pie chart of the results.



How many games did Andre win?

(2)

(b) The table shows the **other** people who won games.
Complete the table.

Name	Frequency	Angle
Bai	4	32°
Clive	6	
Doug		64°
Erik		

(3)

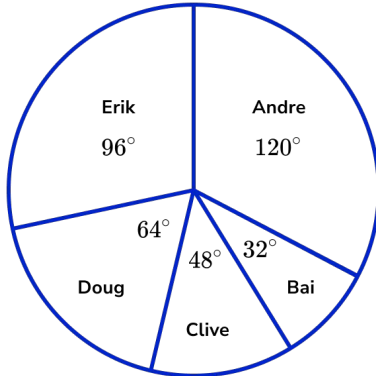
(c) Complete the pie chart.

(2)
(7 marks)

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GCSE Exam Questions: Pie Chart Answers

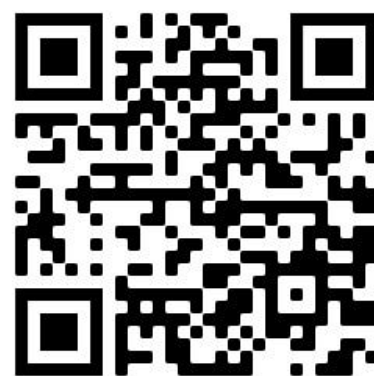
	Question	Answer	Marks																														
(b)	The table shows the other people who won games. <table><thead><tr><th>Name</th><th>Frequency</th><th>Angle</th></tr></thead><tbody><tr><td>Bai</td><td>4</td><td>32°</td></tr><tr><td>Clive</td><td>6</td><td></td></tr><tr><td>Doug</td><td></td><td>64°</td></tr><tr><td>Erik</td><td></td><td></td></tr></tbody></table> Complete the table.	Name	Frequency	Angle	Bai	4	32°	Clive	6		Doug		64°	Erik			(b) <table><thead><tr><th>Name</th><th>Frequency</th><th>Angle</th></tr></thead><tbody><tr><td>Bai</td><td>4</td><td>32°</td></tr><tr><td>Clive</td><td>6</td><td>48°</td></tr><tr><td>Doug</td><td>8</td><td>64°</td></tr><tr><td>Erik</td><td>12</td><td>96°</td></tr></tbody></table> For Clive correct angle For Doug correct frequency For Erik - both values correct	Name	Frequency	Angle	Bai	4	32°	Clive	6	48°	Doug	8	64°	Erik	12	96°	(1) (1) (1)
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(c)	Complete the pie chart.	(c)  One correct sector drawn and labelled All correct sectors drawn and labelled	(1) (1)																														

Where to go next?

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