

Pie Charts

Facts

A pie chart is a visual representation of data. The angle of each slice shows the proportion in each category.

Football Team	Frequency
Liverpool	3
Birmingham City	7
Manchester United	4
Arsenal	2
Newcastle	8
	24

How many degrees does each person get?

$$\text{Degrees per person} = \frac{360^\circ}{\text{Total Number of people}}$$

Football Team	Frequency	Degrees
Liverpool	3	$3 \times 15 = 45^\circ$
Birmingham City	7	$7 \times 15 = 105^\circ$
Manchester United	4	$4 \times 15 = 60^\circ$
Arsenal	2	$2 \times 15 = 30^\circ$
Newcastle	8	$8 \times 15 = 120^\circ$
	24	

How many degrees does each person get?

$$\text{Degrees per person} = \frac{360^\circ}{24} = 15^\circ$$

Football Team	Degrees
Liverpool	45°
Birmingham City	105°
Manchester United	60°
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