



Drawing Pie Charts



REVISE THIS TOPIC

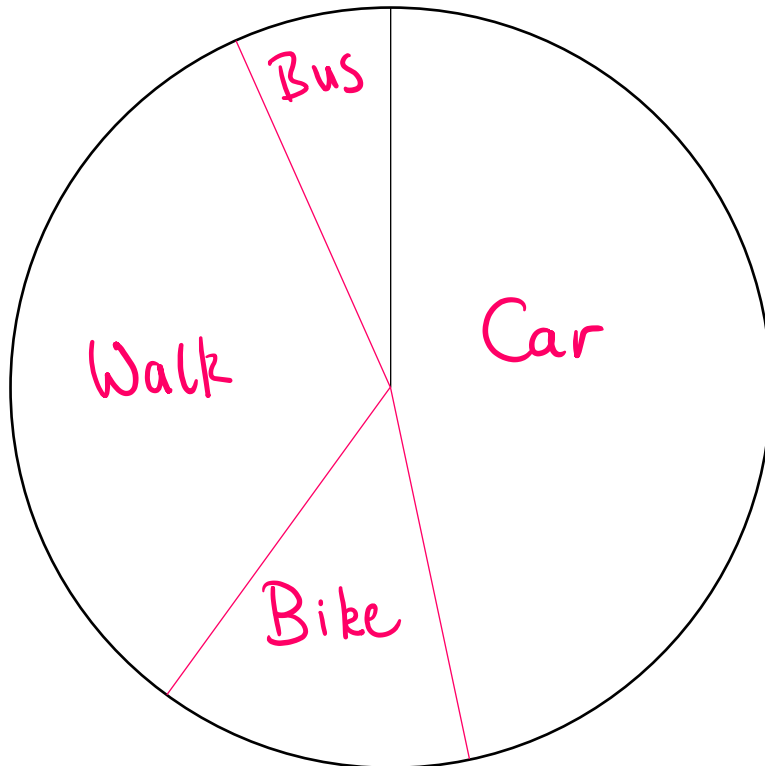
1 The table below shows information about how students from class travel to school.

Transport	Frequency
Car	14 $\times 12 = 168^\circ$
Bike	4 $\times 12 = 48^\circ$
Walk	10 $\times 12 = 120^\circ$
Bus	2 $\times 12 = 24^\circ$

30

Draw an accurate pie chart for this information.

$$360 \div 30 = 12$$



1

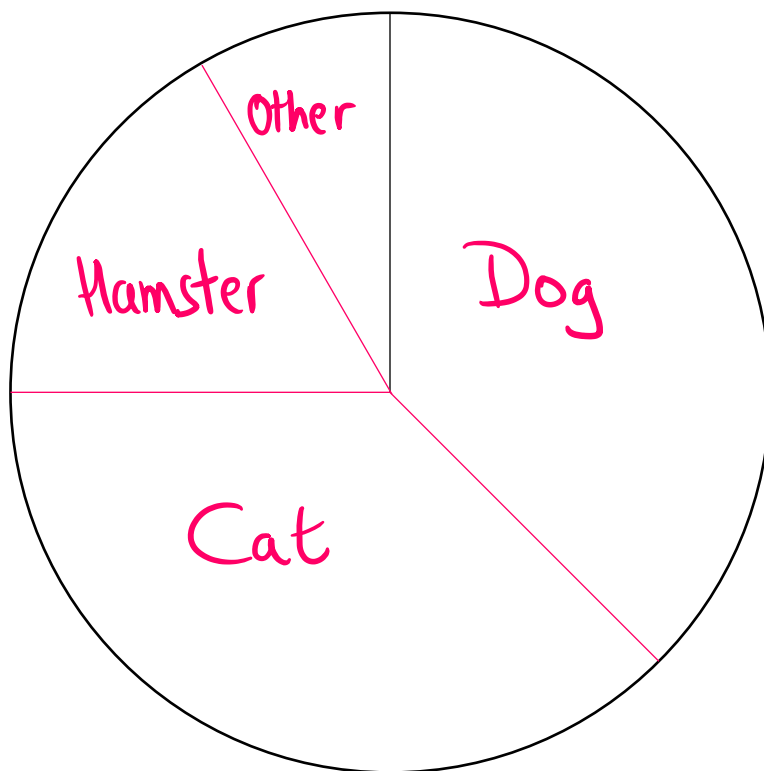
(Total for Question 1 is 3 marks)

2 The table below shows information about the favourite pet of students from a class.

Pet	Frequency
Dog	9
Cat	9
Hamster	4
Other	2

$9 \times 15 = 135^\circ$
 $9 \times 15 = 135^\circ$
 $4 \times 15 = 60^\circ$
 $2 \times 15 = 30^\circ$
24 $360 \div 24 = 15$

Draw an accurate pie chart for this information.



(Total for Question 2 is 3 marks)

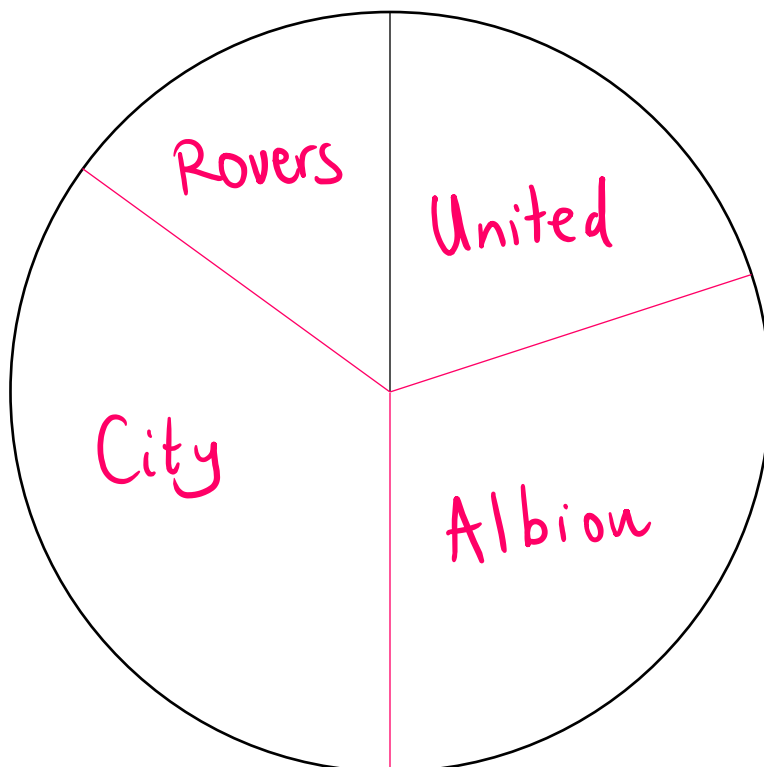


3 The table below shows information about how many wins different football teams had.

Team	Number of Wins
United	4
Albion	6
City	3
Rovers	7

$4 \times 18 = 72^\circ$
 $6 \times 18 = 108^\circ$
 $3 \times 18 = 54^\circ$
 $7 \times 18 = 126^\circ$
 20 $360 \div 20 = 18$

Draw an accurate pie chart for this information.



(Total for Question 3 is 3 marks)

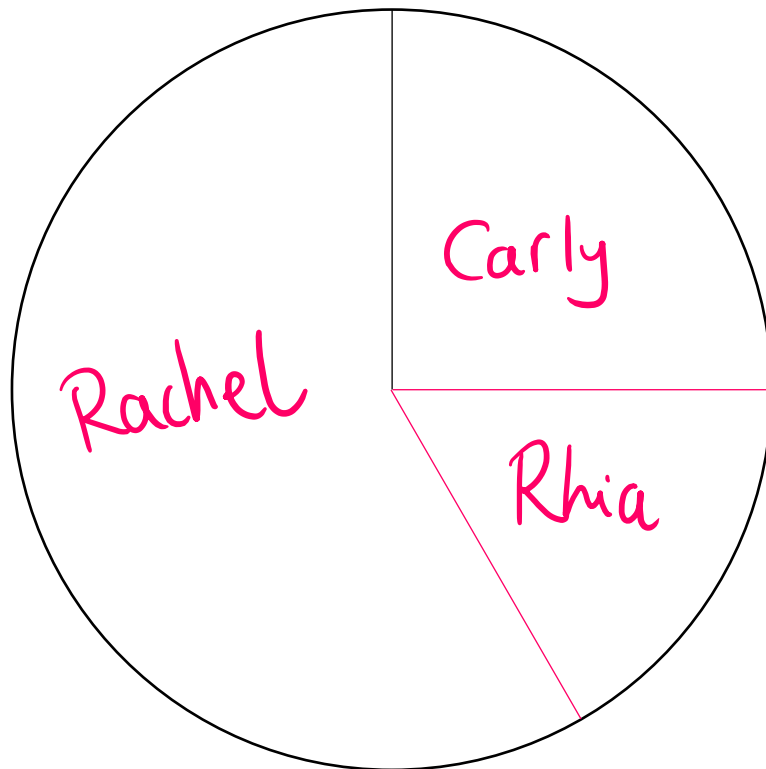


4 The table below shows information about how many TikTok followers some friends have.

Person	Frequency
Carly	300
Rachel	700
Rhia	200

$300 \times 0.3 = 90^\circ$
 $700 \times 0.3 = 210^\circ$
 $200 \times 0.3 = 60^\circ$
 1200
 $360 \div 1200 = 0.3$

Draw an accurate pie chart for this information.



(Total for Question 4 is 3 marks)

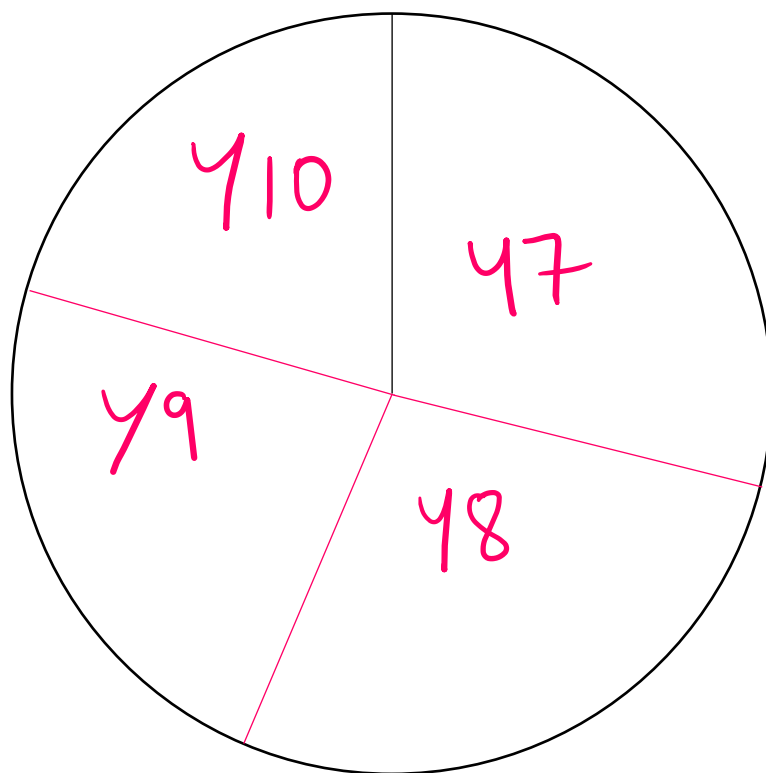


5 The table below shows information about the number of students in different year groups.

Year Group	Number of students
Y7	208
Y8	198
Y9	166
Y10	148

$208 \times 0.5 = 104^\circ$
 $198 \times 0.5 = 99^\circ$
 $166 \times 0.5 = 83^\circ$
 $148 \times 0.5 = 74^\circ$
 720
 $360 \div 720 = 0.5$

Draw an accurate pie chart for this information.



(Total for Question 5 is 3 marks)

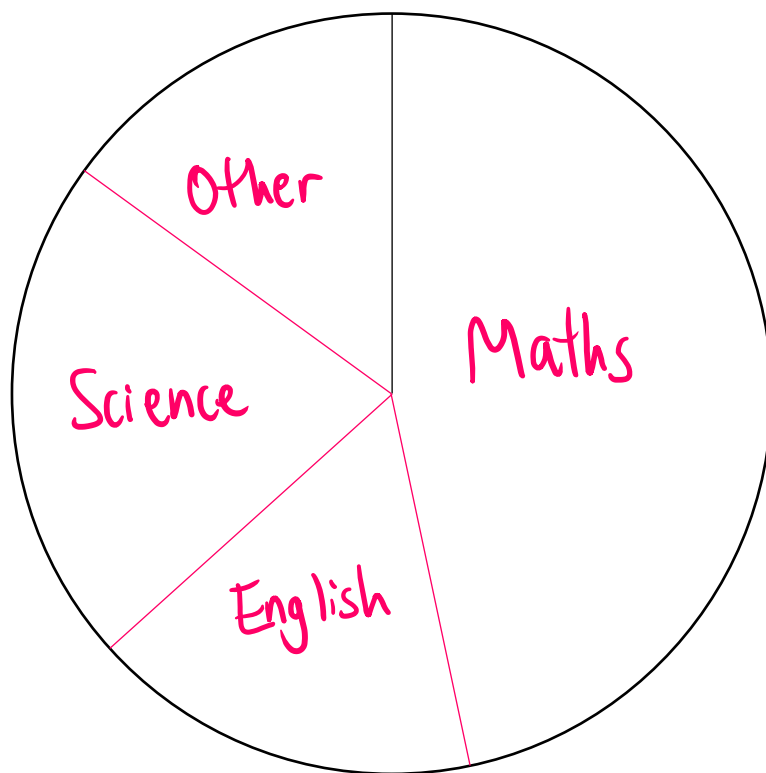


6 The table below shows information about the favourite subject of some students

Subject	Frequency	
Maths	28 × 6	= 168°
English	10 × 6	= 60°
Science	13 × 6	= 78°
Other	9 × 6	= 54°

60 360 ÷ 60 = 6

Draw an accurate pie chart for this information.



(Total for Question 6 is 3 marks)

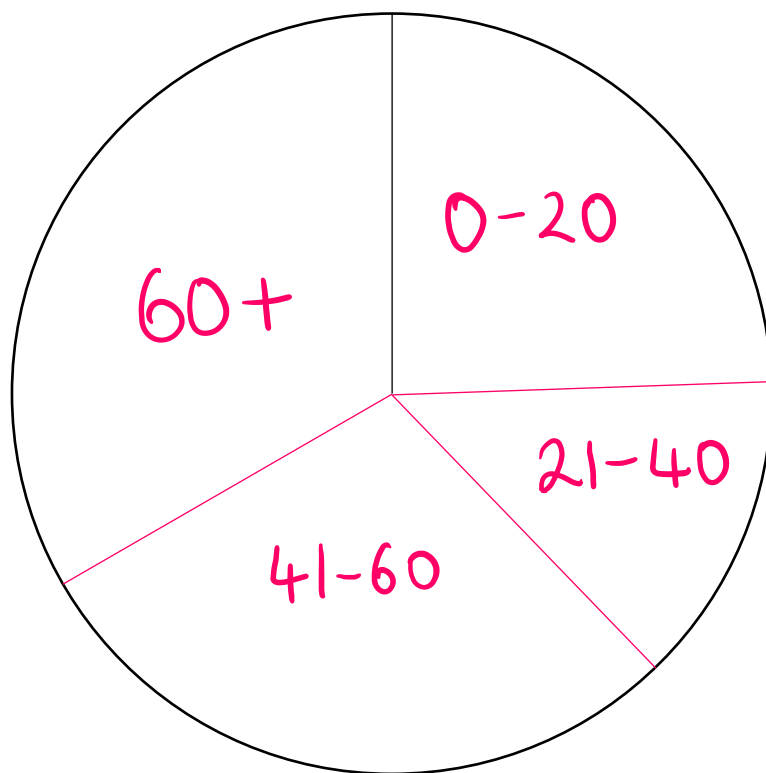


7 The table below shows information about the ages of people visiting a shop during a 1 hour period.

Age Group	Frequency	
0-20	11 × 8	= 88°
21-40	6 × 8	= 48°
41-60	13 × 8	= 104°
60+	15 × 8	= 120°

45 360 ÷ 45 = 8

Draw an accurate pie chart for this information.



(Total for Question 7 is 3 marks)

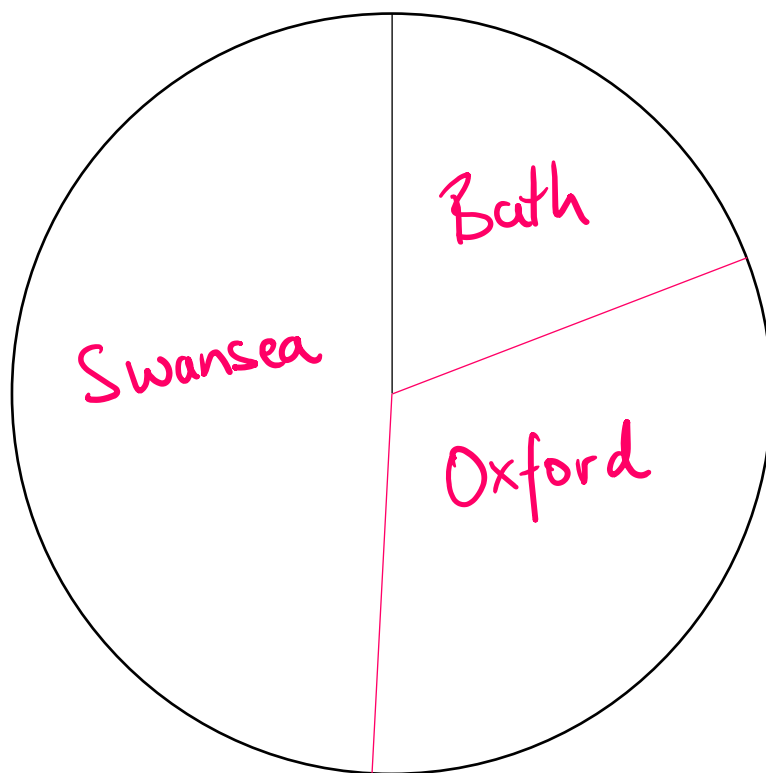


8 The table below shows information about the populations of some cities.

City	Population (thousands)
Bath	92
Oxford	152
Swansea	236

$92 \times 0.75 = 69^\circ$
 $152 \times 0.75 = 114^\circ$
 $236 \times 0.75 = 177^\circ$
 480
 $360 \div 480 = 0.75$

Draw an accurate pie chart for this information.



(Total for Question 8 is 3 marks)

