Drawing Pie Charts 2 – www.m4ths.com

Task 1 – Knowing the Circle

(1) There are_____ degrees in a circle.

(2) Complete the table below

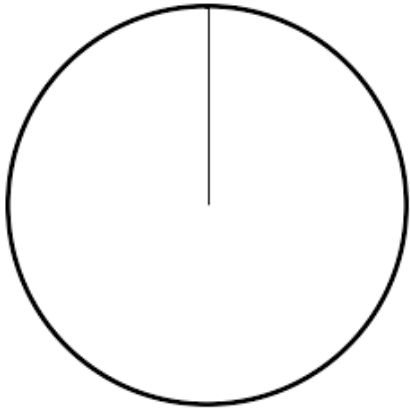|	
360 ÷ 10 =	360 ÷ 18 =
360 ÷ 20 =	360 ÷ 40 =
360 ÷ 36 =	360 ÷ 90 =
360 ÷ 200 =	360 ÷ 100 =

Task 2 – Constructing Pie Charts

Draw an accurate, fully labelled pie chart using a protractor, ruler and pencil for each of the following tables.

(1) Peoples favourite colour.
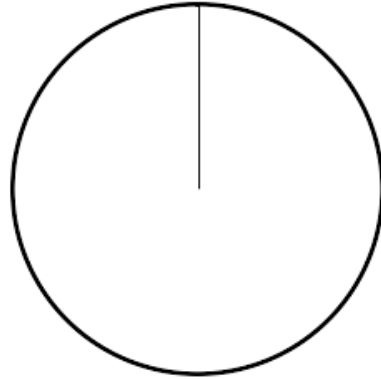
Colour	Frequency	Degrees	Total Degrees
Red	10		
Blue	16		
Green	6		
Other	4		

(Total is 36)

(2) Peoples favourite food.

Food	Frequency	Degrees	Total Degrees
Pizza	10		
Chips	24		
Indian	16		
Burgers	4		
Other	6		

(Total is 60)

(3) Peoples favourite holiday destinations.

Place	Frequency	Degrees	Total Degrees
USA	5		
Europe	3		
UK	6		
Russia	1		
Other	3		
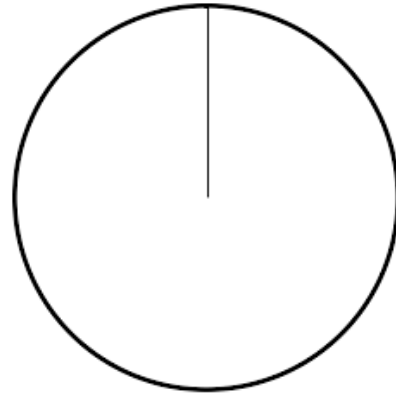
(4) Peoples eye colour.

Colour	Frequency	Degrees	Total Degrees
Brown	32		
Blue	3		
Green	10		
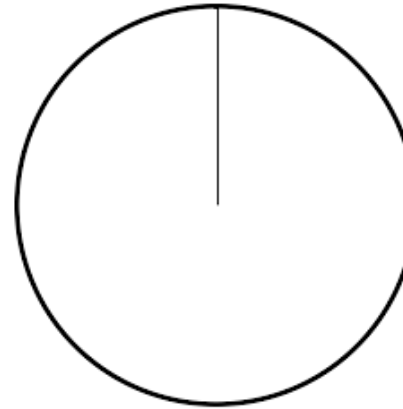
(5) Peoples age.

Age	F	Degrees
$0 < a \leq 10$	16	
$10 < a \leq 20$	2	
$20 < a \leq 40$	13	
$40 < a \leq 60$	9	
Total	40	
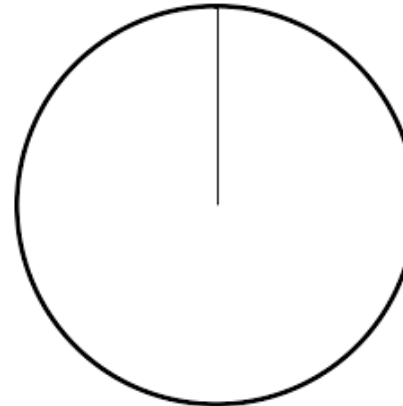
(6) People's favourite football teams

Team	Frequency
Man U	100
Man C	40
Chelsea	20
Liverpool	10
Other	10
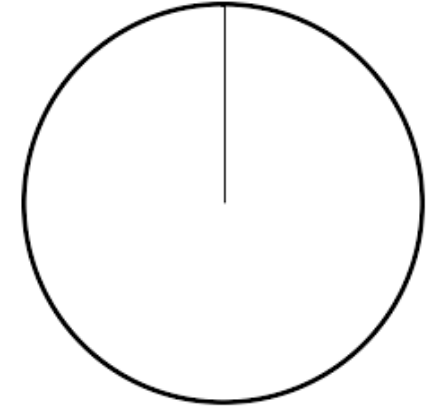
(7) People's favourite cars

Team	Frequency
Ferrari	100
Porsche	40
Lambo	20
Aston	10
Other	10