

Drawing Pie Charts 1 - m4ths.com

Task 1 – Knowing the Circle

(1) There are _____ degrees in a circle.

(2) Complete the table below

$360 \div 10 =$	$360 \div 18 =$
$360 \div 20 =$	$360 \div 40 =$
$360 \div 36 =$	$360 \div 90 =$
$360 \div 200 =$	$360 \div 100 =$

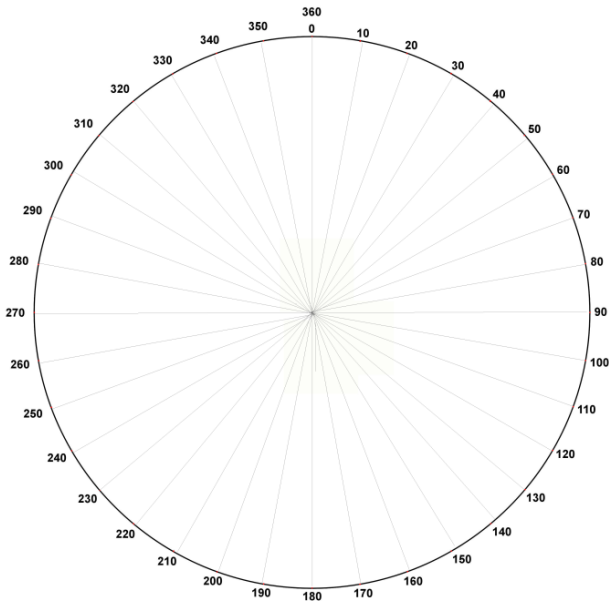
Task 2 – Constructing Pie Charts

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

(1) Peoples favourite colour.

Colour	Frequency	Degrees	Total Degrees
Pink	8		
Black	12		
Silver	10		
Other	6		

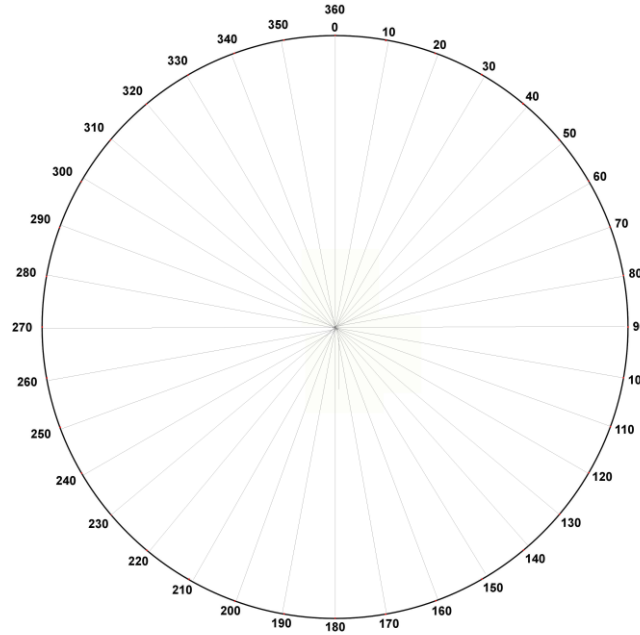
(Total is 36)



(2) Peoples favourite food.

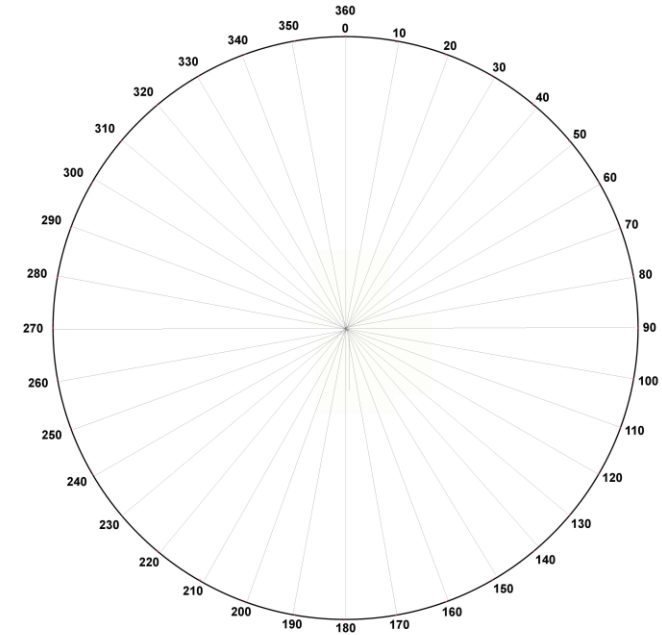
Food	Frequency	Degrees	Total Degrees
Kebab	4		
Fries	7		
Pizza	2		
Other	5		

(Total is 18)



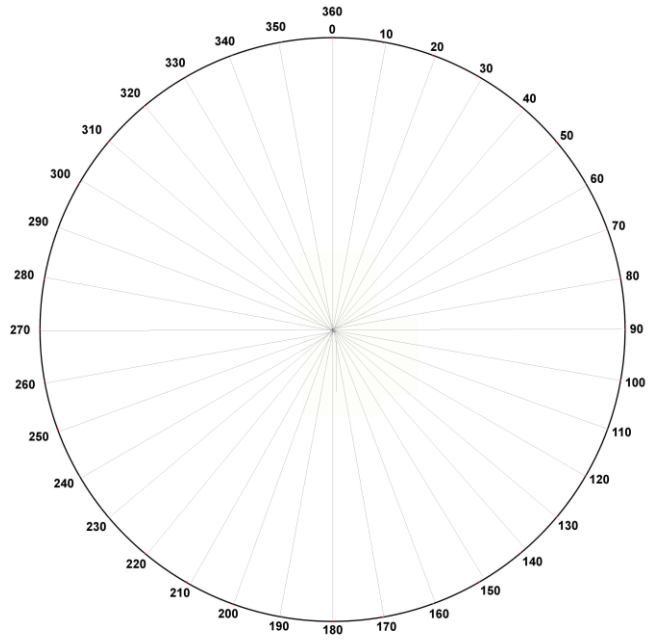
(3) Peoples favourite holiday destinations.

Place	Frequency	Degrees	Total Degrees
Florida	12		
Spain	9		
UK	6		
Asia	13		
Other	5		



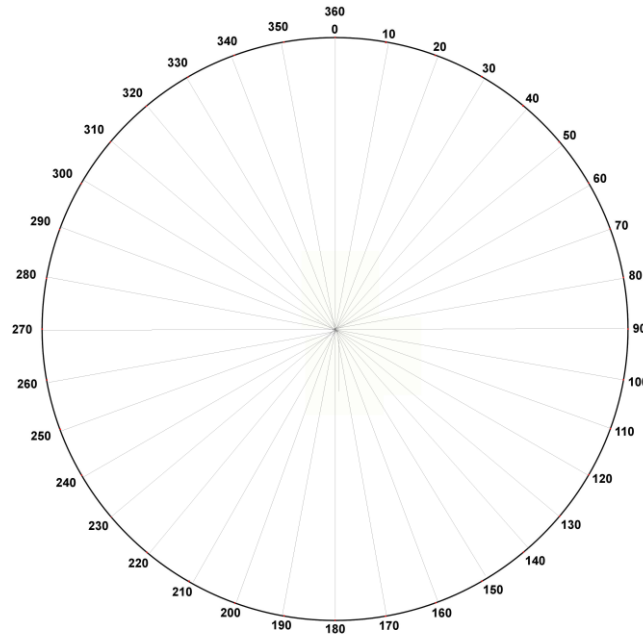
(4) Peoples eye colour.

Colour	Frequency	Degrees	Total Degrees
Brown	10		
Blue	20		
Green	60		



(5) Peoples age.

Age	Frequency	Degrees	Total Degrees
$0 < a \leq 10$	16		
$10 < a \leq 20$	2		
$20 < a \leq 40$	13		
$40 < a \leq 60$	9		



(6) People's favourite football teams.

Team	Frequency	Degrees	Total Degrees
Real	100		
Barca	40		
Juve	20		
PSG	10		
Other	10		

