

How to calculate the angles for a pie chart

STEP ONE

Method of Transport	Frequency
Car	8
Bus	11
Walk	12
Cycle	5

Add up the frequency (this is usually the number of people) and add a 3rd column to the table.

METHOD OF TRANSPORT	FREQUENCY	ANGLE WORKING OUT
CAR	8	
BUS	11	
WALK	12	
CYCLE	5	
TOTAL	36	

STEP TWO

Divide 360 by the total

$360/36 = 10$ degrees per person.

STEP THREE

Then multiply each frequency by that number in the working out column. CHECK THESE ANGLES ADD UP TO 360.

METHOD OF TRANSPORT	FREQUENCY	ANGLE WORKING OUT
CAR	8	$8 \times 10 = 80$
BUS	11	$11 \times 10 = 110$
WALK	12	$12 \times 10 = 120$
CYCLE	5	$5 \times 10 = 50$
TOTAL	36	360 degrees

STEP FOUR

Draw the angles on the pie!

