

Constructing pie charts

Bill makes a list of all the cars in a car park:

Red, silver, black, black, black, red, black, black, red, black

Enter these into the tally chart below.

Car colour	Tally	_____
Silver		
Red		
Black		

There are ____ cars in total

So we want to divide our pie chart into ____ equal parts

There are ____ degrees in a circle

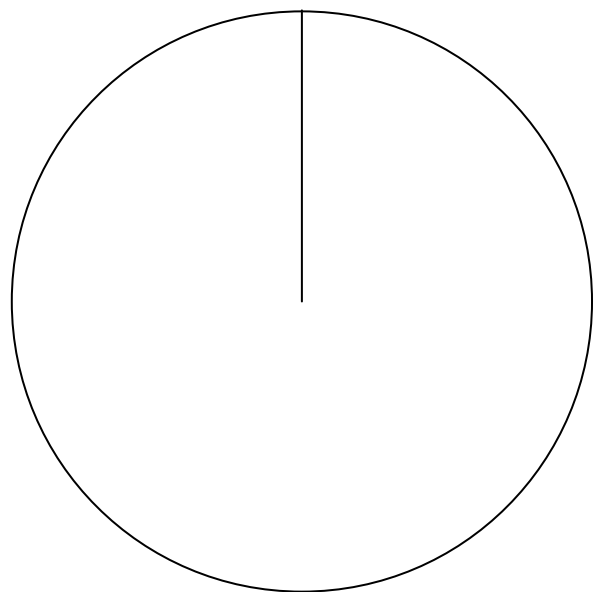
So each car is worth $360^\circ \div 10 = \underline{\quad}^\circ$

Silver slice of pie = $1 \times \underline{\quad}^\circ = \underline{\quad}^\circ$

Red slice of pie = $3 \times \underline{\quad}^\circ = \underline{\quad}^\circ$

Black slice of pie = $6 \times \underline{\quad}^\circ = \underline{\quad}^\circ$

Starting at the vertical line, draw these slices onto the pie chart.



12 people are asked for their favourite crisp flavour. Here are the results: 5 ready salted

1 prawn cocktail

4 salt and vinegar

2 cheese and onion

There are ___ people in total

So we want to divide our pie chart into ___ equal parts

There are ___ degrees in a circle

So each person is worth $360^\circ \div 12 = \underline{\quad}^\circ$

Ready salted slice of pie = $5 \times \underline{\quad}^\circ = \underline{\quad}^\circ$

Prawn cocktail slice of pie = $1 \times \underline{\quad}^\circ = \underline{\quad}^\circ$

Salt and vinegar slice of pie = $4 \times \underline{\quad}^\circ = \underline{\quad}^\circ$

Cheese and onion slice of pie = $2 \times \underline{\quad}^\circ = \underline{\quad}^\circ$

Starting at the vertical line, draw these slices onto the pie chart.

