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.
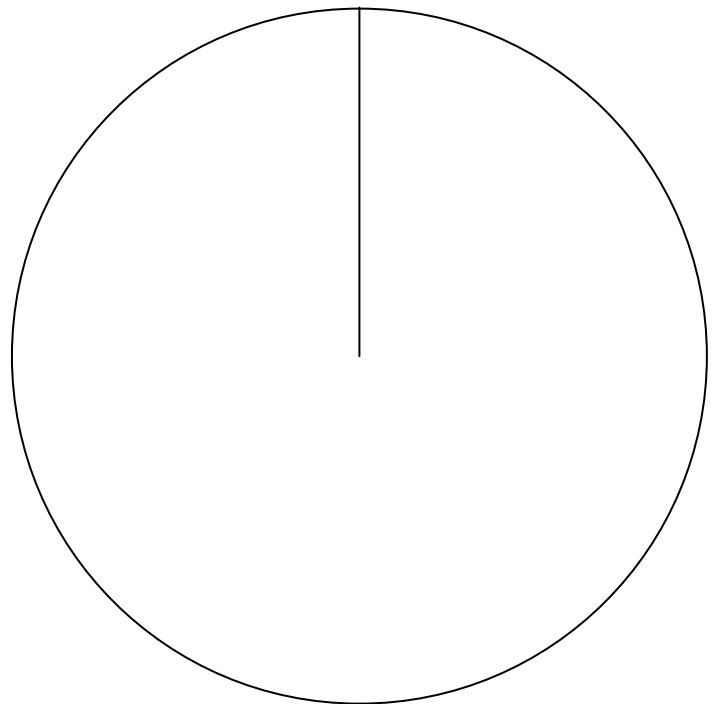There are _____ degrees in a circle.

So each car is worth 360° ÷ 10 = ____°

Silver slice of pie = 1 × ____° = ____°

Red slice of pie = 3 × ____°= ____°

Black slice of pie = 6 × ____° = ____°

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° ÷ 12 = ___°

Ready salted slice of pie = 5 × ____° = ____°

Prawn cocktail slice of pie = 1 × ____°= ____°

Salt and vinegar slice of pie = 4 × ____° = ____°

Cheese and onion slice of pie = 2 × ____° = ____°

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