

Pie chart

1) Convert the followings percentage into degree in pie chart

a) 25 % = _____

b) 75% = _____

c) 12.5% = _____

d) 50 % = _____

e) 60% = _____

2) Convert the following degrees into percentage.

a) 60° = _____

b) 75° = _____

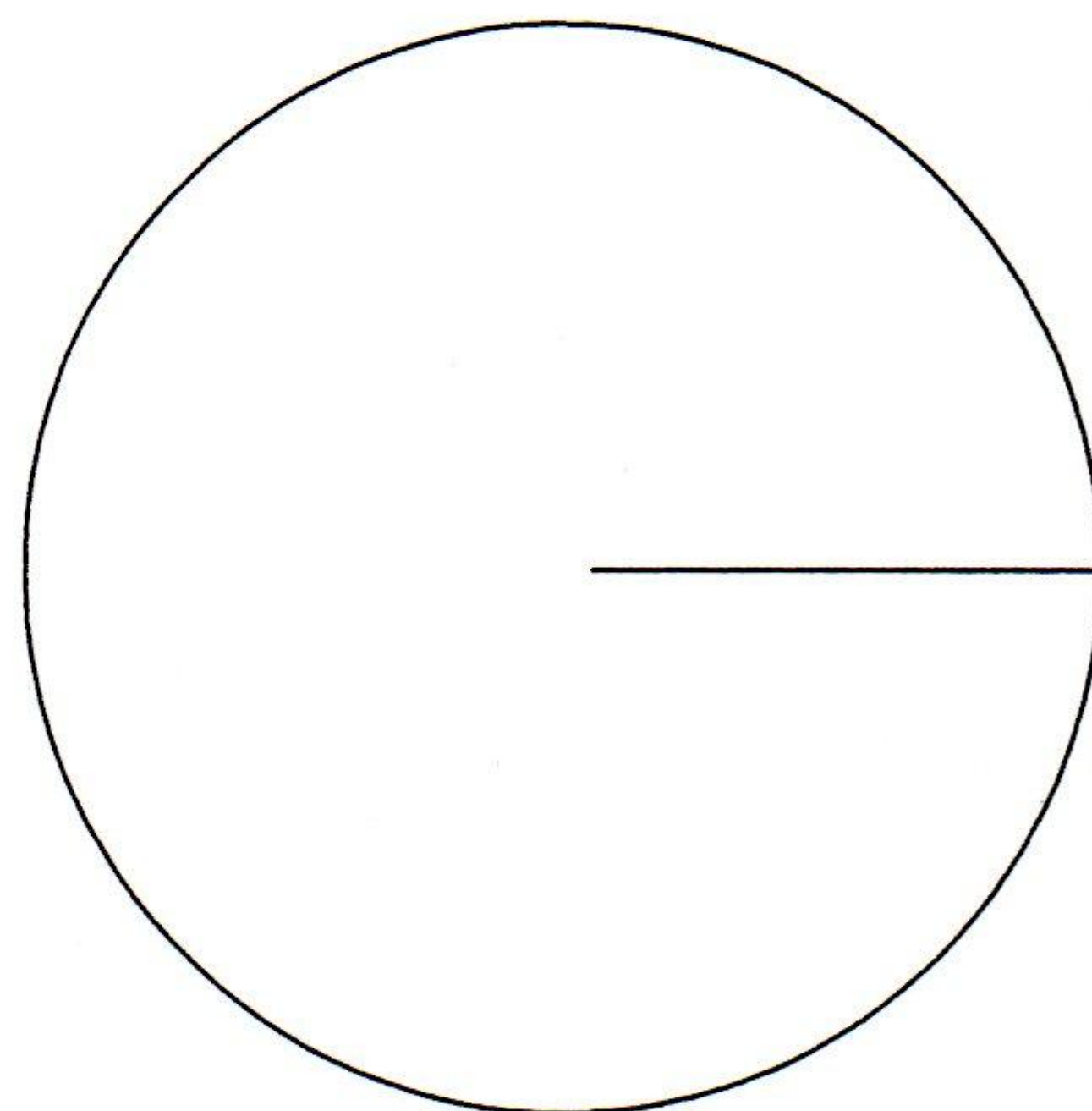
c) 135° = _____

d) 90° = _____

e) 180° = _____

3) Draw the pie chart for the following information.

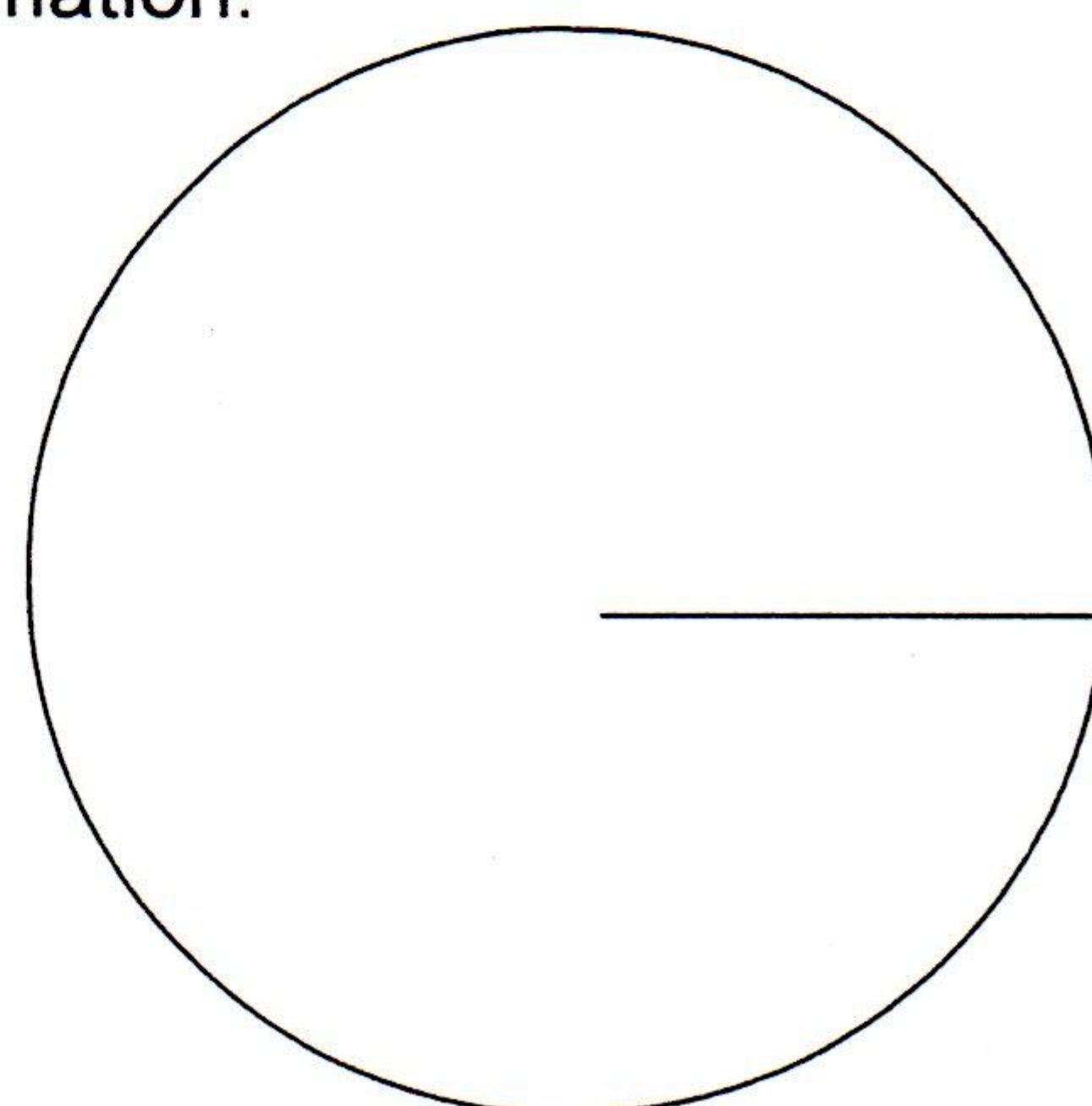
Items	Sells	
Pencil	25	
Rubber	30	
Pen	15	
Notebook	20	



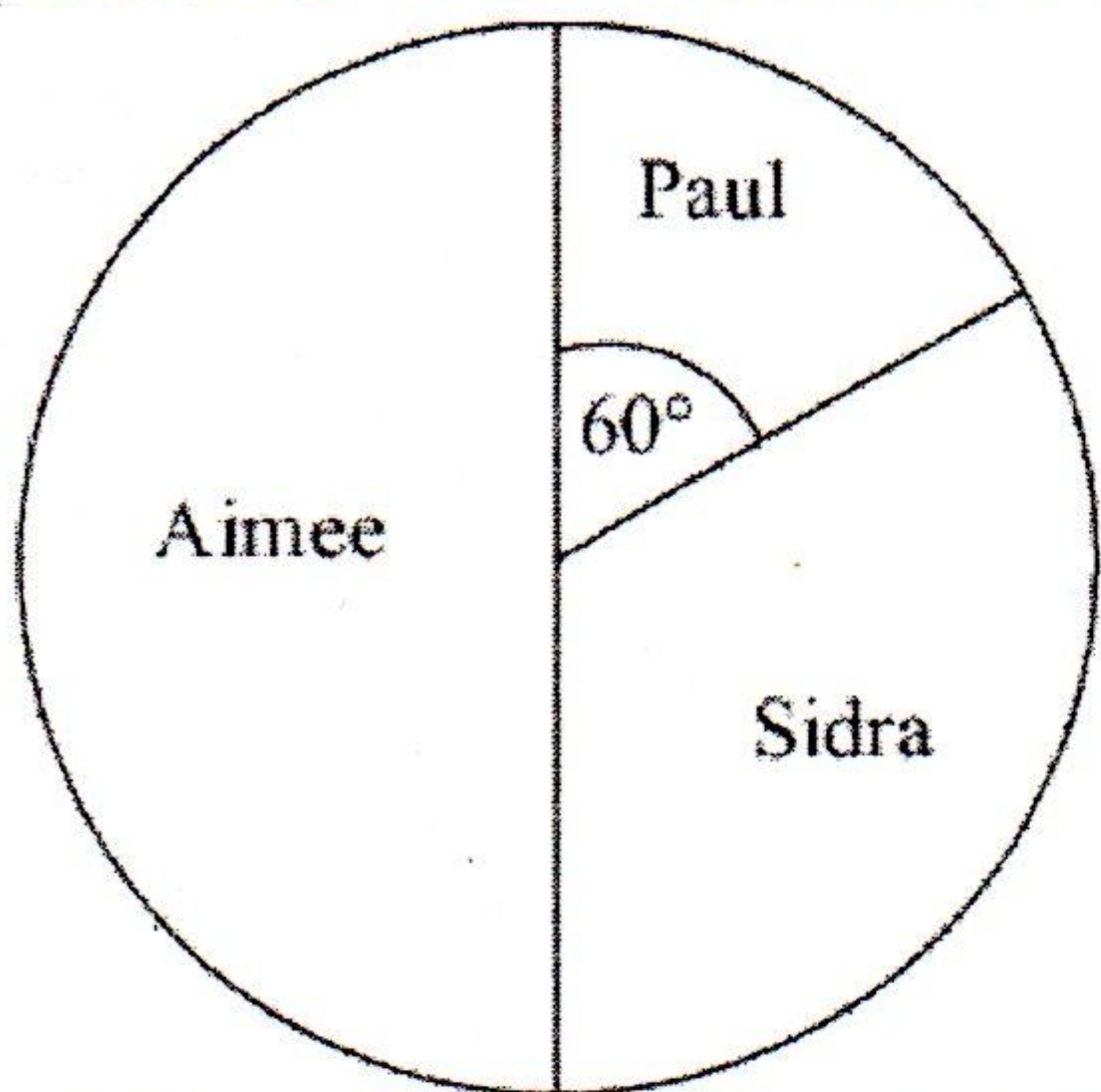
4) The table gives information about the numbers of fish in a lake.

Fish	Frequency	
Perch	10	
Bream	23	
Carp	39	

Draw an accurate pie chart to show this information.



5) The accurate pie chart gives some information about the votes received by 3 students in an election. The students received a total of 84 votes



- (a) How many votes did Aimee receive?
In the pie chart, the angle for Paul is 60°.
- (b) What fraction of the votes did Paul receive?
Give your fraction in its simplest form.

6) Ehab asks 18 pupils to choose their favourite vegetable from a list. These are his results.

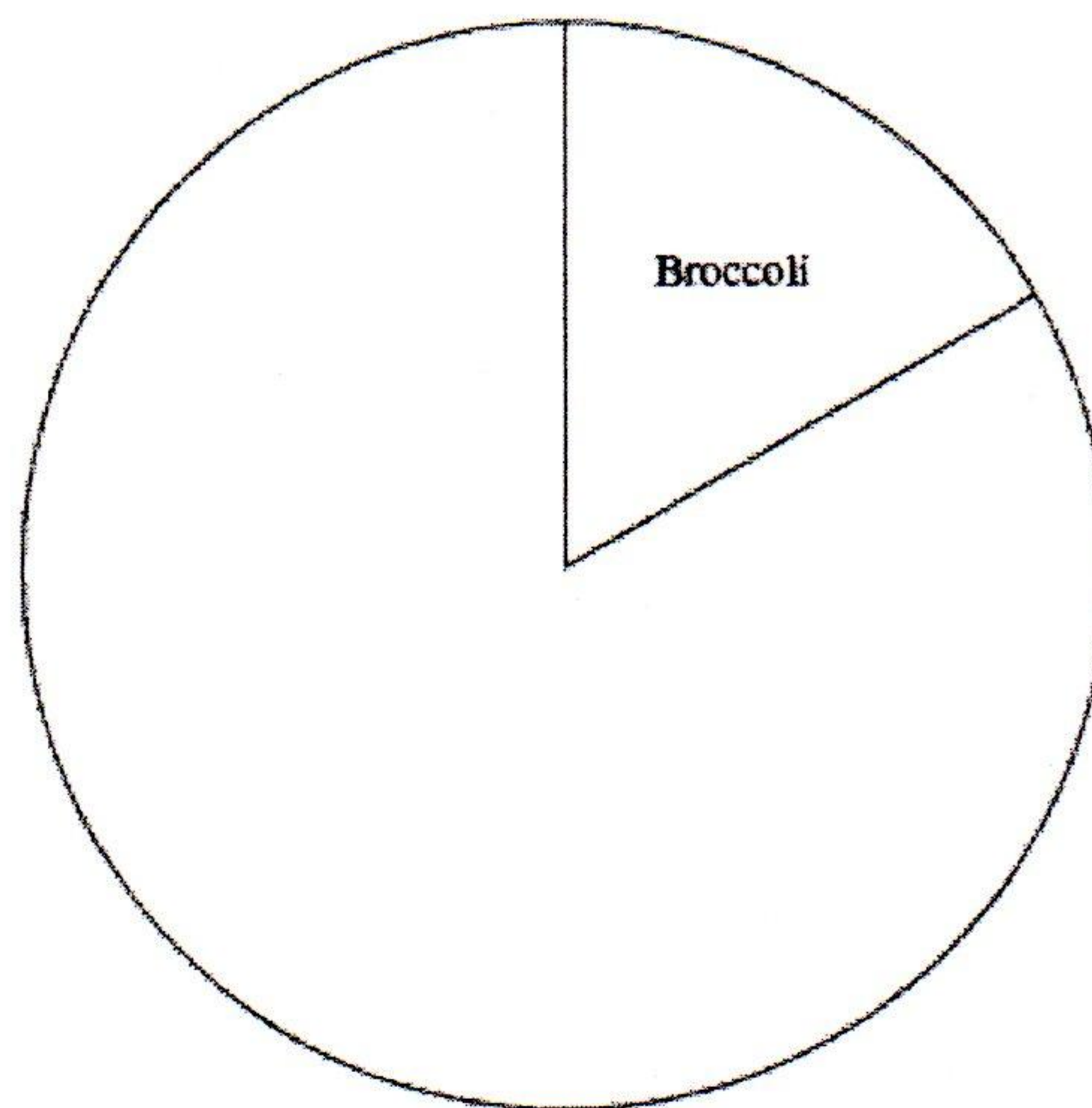
Peas	broccoli	peas	carrots	carrots	broccoli
peas	broccoli	sprouts	carrots	peas	carrots
carrots	peas	carrots	carrots	carrots	carrots

Ehab decides to draw a pie chart to show these results. The table shows some of his work.

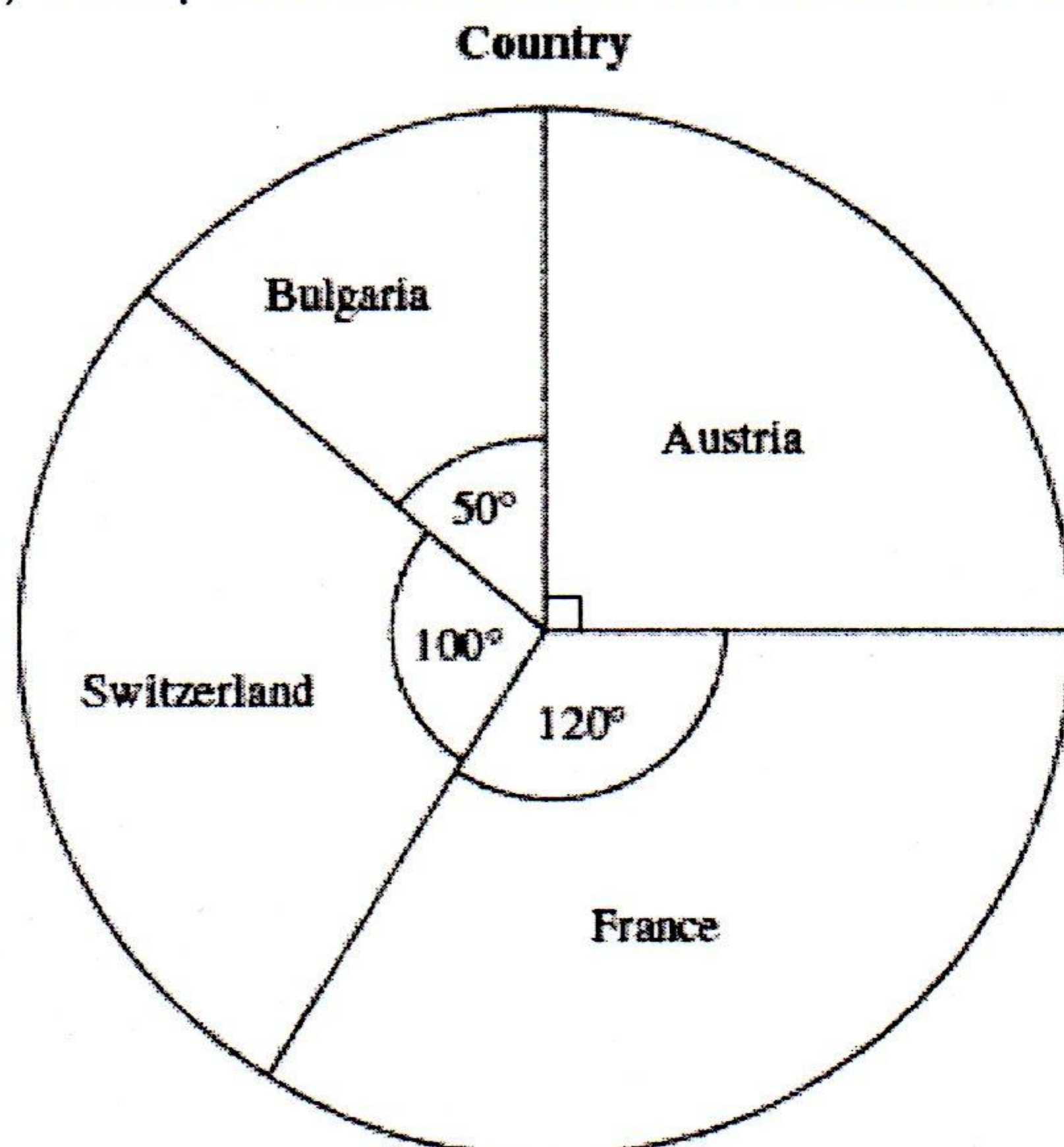
Favourite vegetable	Tally	Frequency	Angle on pie chart
Broccoli (B)		3	60°
Peas (P)			
Carrots (C)			
Sprouts (S)			
		Total = 18	Total = 360°

- (a) Complete the tally and frequency columns in the table.
- (b) (i) Complete the angle on pie chart column in the table.

(b) (ii) Complete the pie chart to represent this information.



7) The pie chart shows the favourite country for a skiing holiday for 36 families.



How many families chose Austria?
