① James : Thomas : Kieran
    2 : 3 : 5

          :   :

Thomas's share is £9
How much did they each get?

② James : Emma : Charlotte
   12 : 5 : 8

          :   :

Emma's share is £200
How much was shared altogether?

③ Harry : Nasim : Charlotte
    4 : 3 : 5

          :   :

£60 is shared between them
How much did each one get?
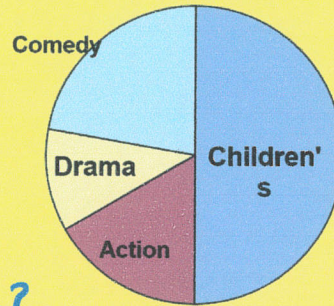
④ Harry : Emma : Michael
   12 : 5 : 8

          :   :

£1500 is shared between them
How much did each get?

1

Ed collected some data on the types of DVD rented from a shop one day.

The pie chart shows the types of DVD rented from a shop one day and the angle, °

Type	Angle, °
Children's	180
Action	60
Drama	40
Comedy	80

There were 90 DVD's rented in total. How many of each type?

Pie chart labels: Comedy, Drama, Children's, Action

Values on | Values off
Show pie chart
Hide pie chart
Show 1st
Hide all
New f % | New f °
New ° % | New ° f
New % ° | New % f

2

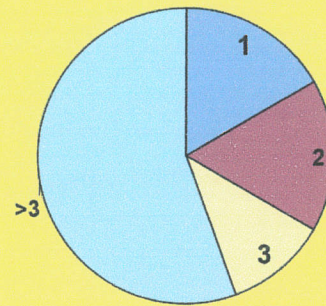**Charlotte collected some data on the number of pets that a sample of pupils have.**

The pie chart shows the number of pets that a sample of pupils have and the frequency

No. of pets	Frequency	Angle, °
1	6	60
2	6	
3	4	40
>3		

How many pupils had more than 3 pets?

Pie chart labels: 1, 2, 3, >3

Values on | Values off
Show pie chart
Hide pie chart
Show 1st
Hide all
New f % | New f °
New ° % | New ° f
New % ° | New % f

3

Hollie collected some data on the favourite lessons of a sample of pupils.

Fav lesson	Percentage	Angle, °
Maths	50	
English	25	
Science	20	
Other	5	
Total	100	

Draw the pie graph for this data

Values on | Values off
Show pie chart
Hide pie chart
Show 1st
Hide all
New f % | New f °
New ° % | New ° f
New % ° | New % f

Calculator | Show all

6. Olivia prepares the ingredients for pizzas.

She uses cheese, topping and dough in the ratio 2 : 3 : 5
Olivia uses 70 grams of dough.

Work out the number of grams of cheese and the number of grams of topping Olivia uses.

Cheese .... g   Topping .... g

(Total 3 marks)

7.

> **Canal boat for hire**
> **£1785.00**
> **for 14 days**

Jenny and Kath hire the canal boat for 14 days.
They share the hire cost of £1785.00 in the ratio 2:3

Work out the smaller share.

£ ....

(Total 2 marks)

8. £90 is shared between Ron and Hermione in the ratio 5 : 1.

Hermione thinks she should get £18 but Ron thinks she should get £3 less.
Explain who is correct, giving a reason for your answer.

....

....

(Total 2 marks)

9. Amy, Beth and Colin share 36 sweets in the ratio 2 : 3 : 4

Work out the number of sweets that each of them receives.

Amy.............sweets Beth.............sweets Colin..............sweets

(Total 3 marks)

1. Sam recorded the colours of cars parked at his school yesterday.
    The table shows his results.

Colour	Frequency	
Blue	20	
Red	22	
Green	6	
White	12	

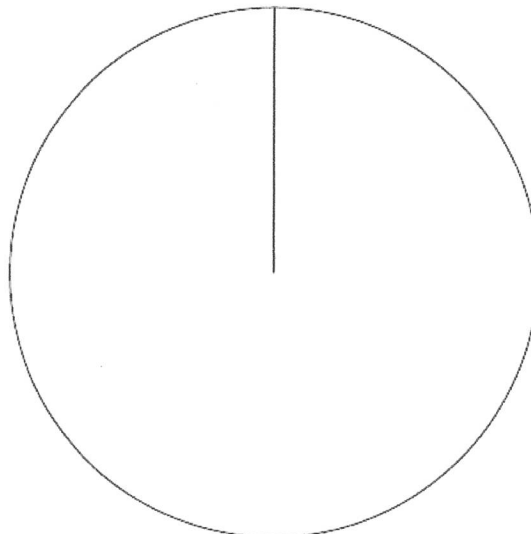Complete an accurate pie chart to show this information.
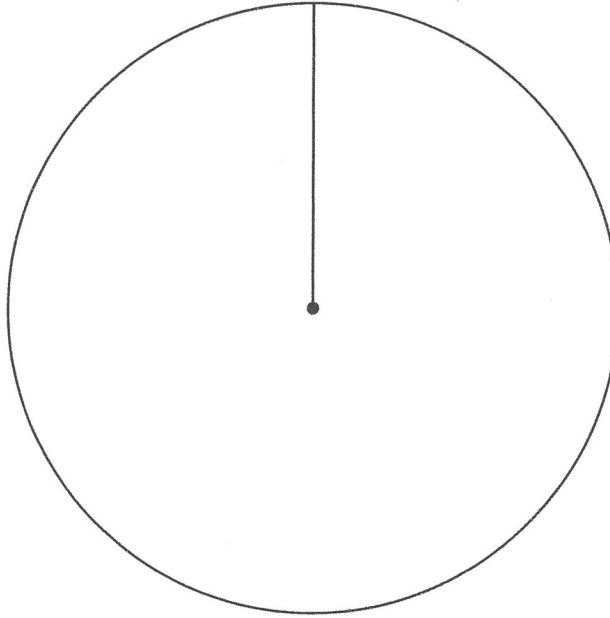
(Total 4 marks)

2. The table gives information about the medals won by Austria in the 2002 Winter Olympic Games.

Medal	Frequency	
Gold	3	
Silver	4	
Bronze	11	

Draw an accurate pie chart to show this information

(Total 4 marks)