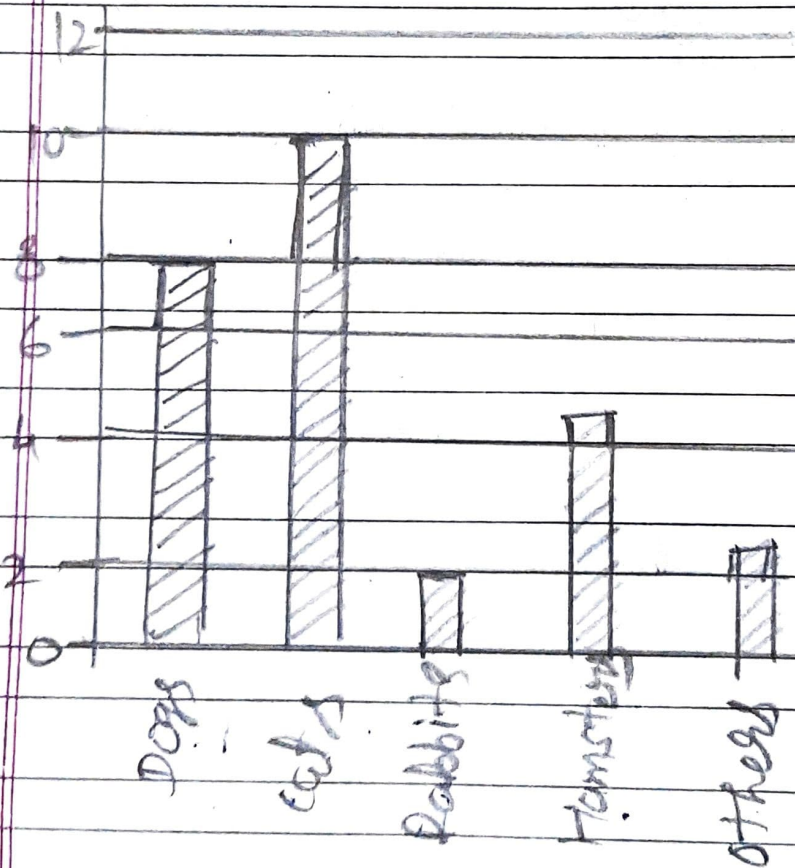


Q1 Use the following bar graph to answer the following questions

- (a) which is the most popular pet ?
- (b) How many students have dog as a pet



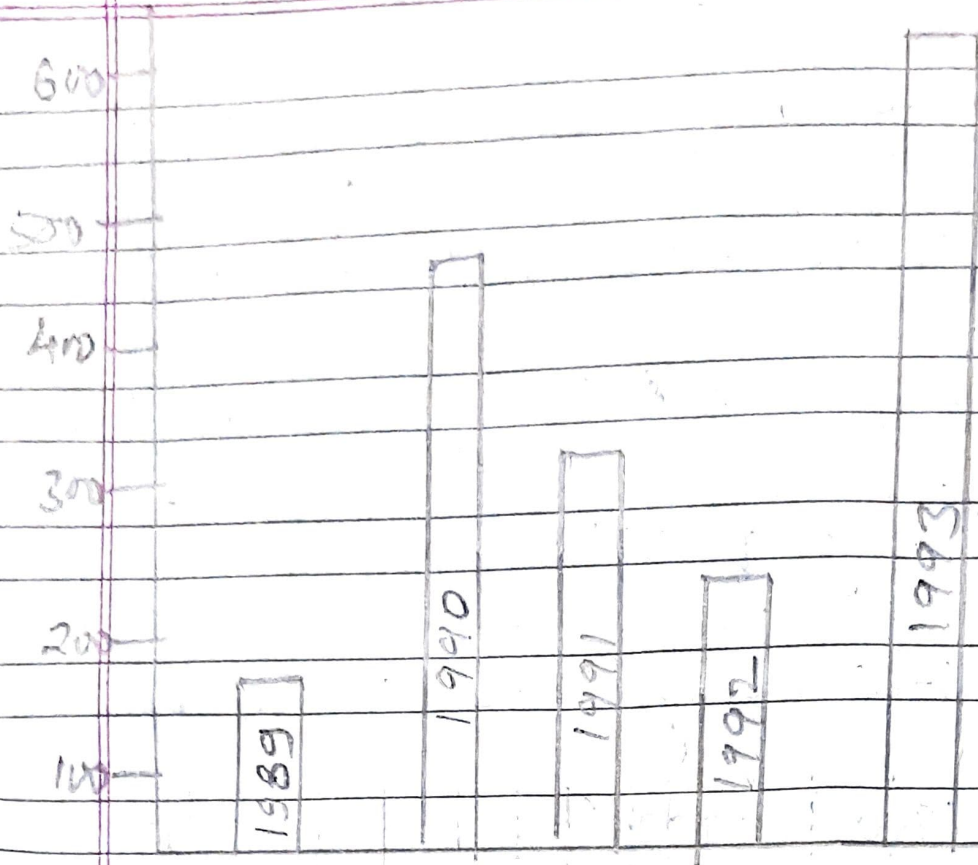
Ans (i) cat is most popular pet

(ii) 8 students have a dog as a pet.



Q2. Read the following bar graph which shows the number of books sold by a bookstore during five consecutive years and answer the following questions

- (i) About how many books were sold in 1989? 1990? 1992?
- (ii) In which year were about 475 books sold? about 225 books sold?
- (iii) In which year were fewer than 250 books sold?
- (iv) Can you explain how would you estimate the number of books sold in 1989



Ans (F) (i) 1989 - 170 books sold (Approx.)

(ii) 1990 475 books sold (Approx.)

(iii) 1992 225 books sold (Approx.)

(2) (i) About 475 books <sup>was</sup> sold in 1990  
in 1992 225 books were sold.

(3) fewer than 250 books were sold in  
~~1990~~ 1989 and 1992

(4) The height of the bar for 1989 is  
slightly less than that for 200 books

So about 170 books were sold in 1989

Q3 Number of children in 6 different classes are given below. Represent the data on bar graph.

class	Fifth	Sixth	Seventh	Eighth	Ninth	Tenth
No. of children	135	120	95	100	90	80

(a) How would you choose a scale

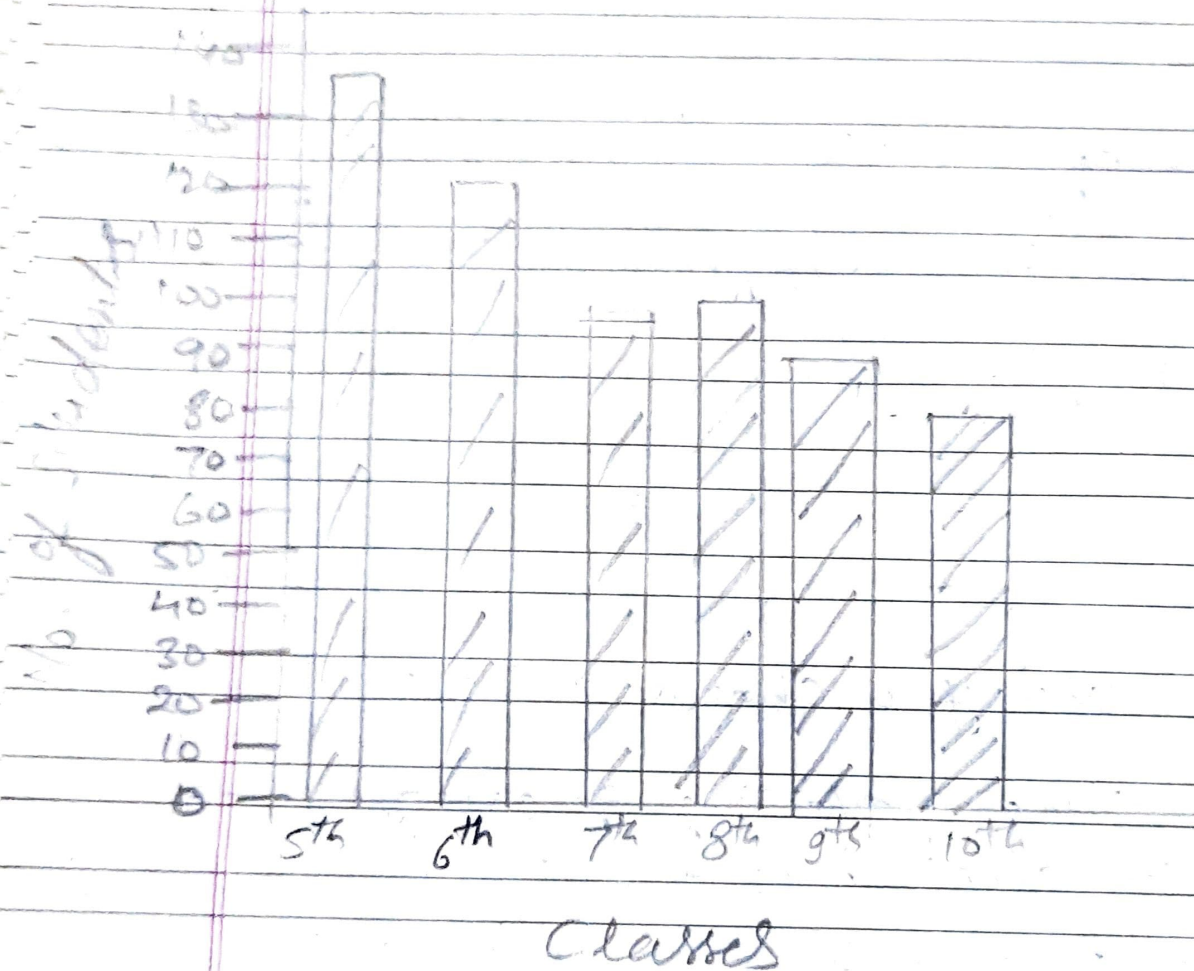
(b) Answer the following questions

(i) which class has the maximum no. of children? and the minimum?

(ii) find the ratio of students of class sixth to the students of class eight.

Sol. (a)

Scale = 1 cm = 10  
Students



- (b) (i) In 5th class No. of students are  
maximum = 135  
In 10th class No. of students are  
minimum = 80

(ii) No. of students in class 6<sup>th</sup> = 120  
No. of students in class 8<sup>th</sup> = 100

$$\text{Ratio} \rightarrow \frac{120}{100} = \frac{6}{5} = 6:5 \text{ Ans.}$$