Worksheet
Data Handling

Question 1: The pictograph given below shows preference of the students for winter activities:

Winter Activities	Number of Students (one ☺ represents 10 students)
Skiing	☺ ☺ ☺
Ice Skating	☺ ☺ ☺ ☺ ☺ ☺
Sleighing	☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺
Hockey	☺ ☺ ☺ ☺

Answer the following questions:

- Which is more popular activity: hockey or ice skating? <u>ice skating</u>.
- Which is the most popular winter activity? <u>Sleighing</u>.

Question 2: The total number of animals in five villages are given below:

Village	I	II	III	IV	V
Number of animals	90	60	120	100	80

Draw a pictograph to represent the above data.

Each circle represents 10 animals

VILLAGE	NO. OF ANIMALS
I	○○○○○○ ○ ○ ○○
II	○○ ○○ ○○
III	○○○○○○○○○○ ○ ○○
IV	○○○○○○○○ ○
V	○○○○○○○

Question 3: The modes of travelling to school by the students of a class are given below:

Mode	Bus	Car	Scooter	Cycle	Walking
Number of students	10	3	4	10	12

Draw a pictograph to represent the above data.

MODE	NO. OF STUDENTS
BUS	●●●●●●●●●●
CAR	●●●
SCOOTER	●●●●
CYCLE	●●●●●●●●●●
WALKING	●●●●●●●●●●●●

Question 4: Following pictograph shows the number of candles brought by some children of class 4 for a Festival.

Name of Student	Number of Candles brought
Shubham	🕯🕯🕯🕯🕯🕯🕯🕯🕯🕯
Neha	🕯🕯🕯🕯
Anshu	🕯🕯🕯🕯🕯🕯🕯🕯
Ridhima	🕯🕯🕯🕯
Daksh	🕯🕯🕯

Look at the pictograph and answer the following questions:

- How many candles are brought by Daksh? <u>3 x 4 = 12</u>.

- Who has brought the maximum number of candles and how many? <u>10 x 4 = 40</u>.

- How many candles are brought by Anshu? <u>8 x 4 = 32</u>.

- Name the two students who have brought the same number of candles? <u>Neha and Ridhima.</u>

Question 5: The different types of trees planted in a park are given below:

Name of the tree	Mango tree	Banyan tree	Neem tree	Guava tree
Number of trees	4	2	6	5

Draw a pictograph to represent the above data.

NAME OF TREE	NUMBER OF TREE
MANGO	●●
BANYAN	●●●●
NEEM	●●●●●●
GUAVA	●●●●●

Question 6: The sale of toys in a toy shop during the weekdays of a particular week is given below. Draw a pictograph to represent the following data.

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Number of toys sold	20	12	32	16	24	20

Each circle represents 4 toys

DAYS	NO. OF TOYS SOLD
MONDAY	●●●●●
TUESDAY	●●●
WEDNESDAY	●●●●●●●●
THURSDAY	●●●●
FRIDAY	●●●●●●●
SATURDAY	●●●●●

Question 7: The following bar graph shows favourite colour of students of class IV.
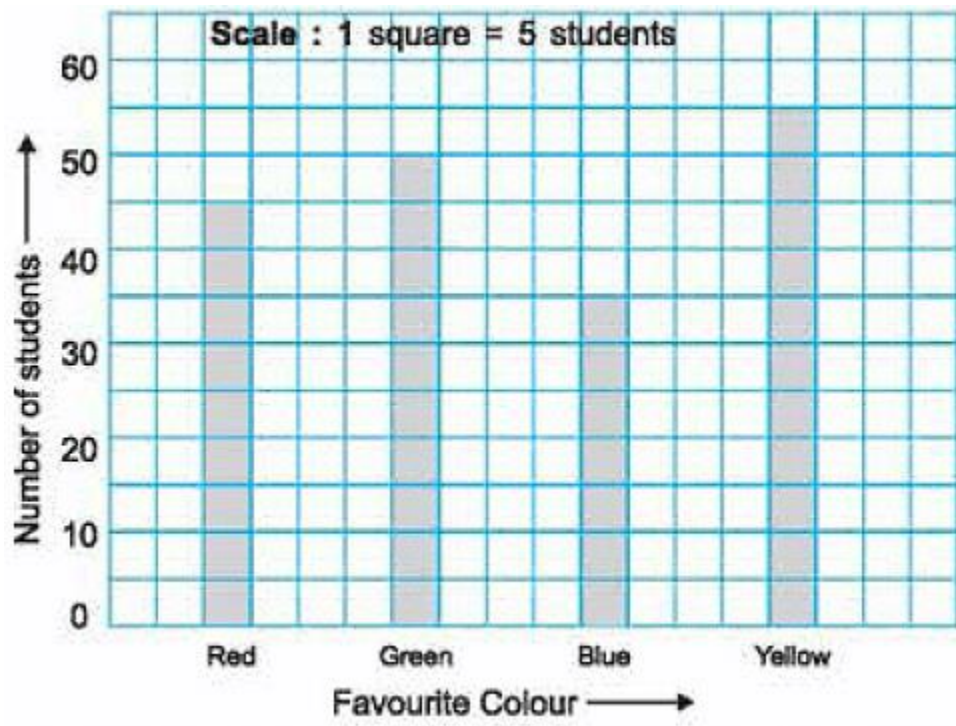
Favourite colour of students of class IV.

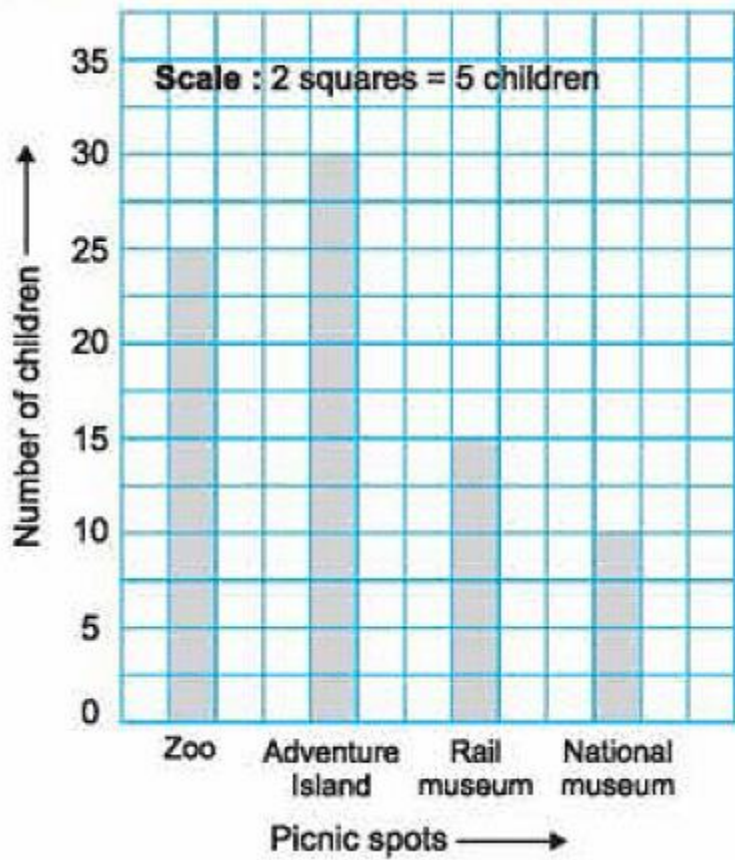**Look at the bar graph and answer the following:**

- How many children like green colour? <u>50</u>

- Which is the most favourite colour of the students of class IV? <u>Yellow</u>

Question 8: The following bar graph shows the favourite picnic spots of children of a class. Look at the bar graph and choose the correct answer:

- Which destination is liked by maximum number of children? <u>Adventure island</u>

- How many children would like to go to Adventure island? <u>30</u>

- How many children would like to go to Rail Museum? <u>15</u>

Question 9: The bar graph shown below represents marks obtained by Abhijit. Look at the bar graph and answer the following questions:
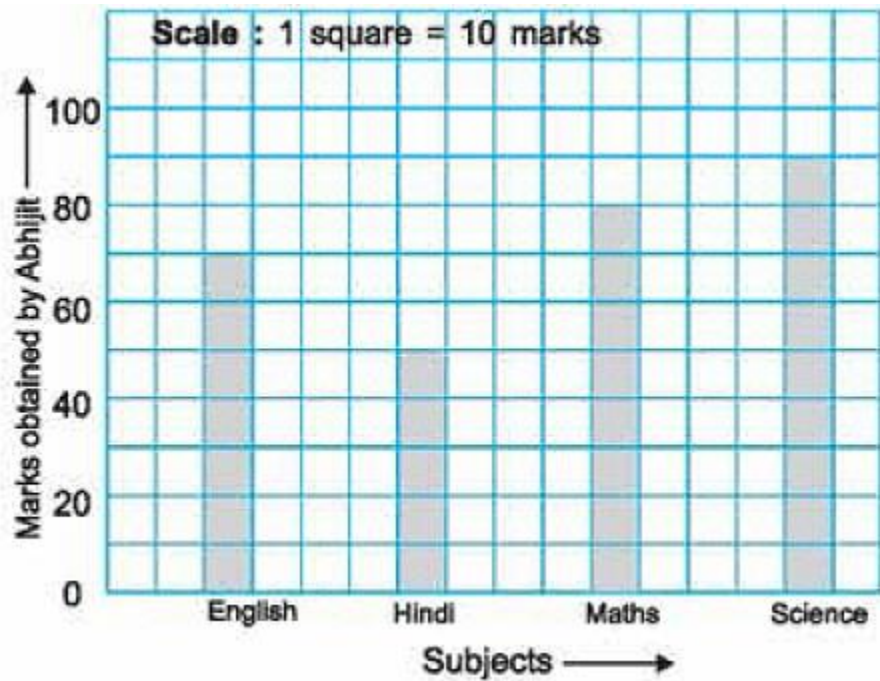
Marks obtained by Abhijit

- Find the total marks obtained by him out of 400. <u>= 70 + 50 + 80 + 90 = 290</u>

- In which subject Abhijit got the highest marks? <u>Science</u>

- In which subject Abhijit got the lowest marks? <u>Hindi</u>

Question 10: The bar graph shown here represents different means of transport used by students of class IV-A to come to school.
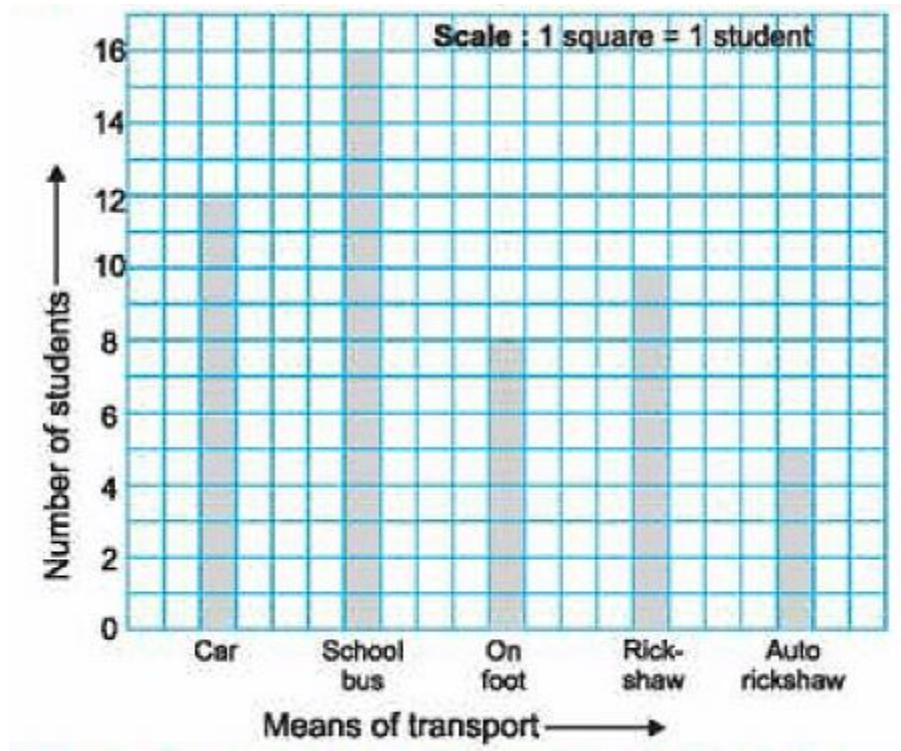
Means of transport used by students of class IV-A

Study the bar graph and answer the following questions.

- How many students come to school by autorickshaw? <u>5</u>.

- How many students come to school by car? <u>12</u>.

- Which mode of transport is used by maximum number of students? <u>School bus</u>.