Exercise

---

1. In what way is the bar graph better than the pictograph?

> ▶ **Watch Video Solution**

---

2. The life span of animals is given as follows: bear-40 years, Bull-28 years, camel-50 years ,dog-22 years, donkey- 45 years, goat- 15 years, horse-10 years, cow-22 years, elephant-70 years. Draw a horizontal bar graph to represent the data.

3. Travelling time from Hyderabad to Tirupati by different means of transport are-car-8 hours, bus-15 hours, train-12 hours, Aeroplane-1 hour. Represent using a bar diagram.

4. Fill in the blank: Collection of information is called____

5. Fill in the blank:The difference between the maximum and minimum marks of a data is called___

6. Fill in the blank:In a bar graph the scale is 1 cm= 200 pens production. The length of the rectangle which represents 1900 pens is____cm.

7. All the bars (or rectangles) in a bar graph have

8. Fill in the blank:While drawing pictographs, the ___of all the pictures should be the same.

9. Fill in the blank:In a bar graph `x-axis represents ____line.

10. Fill in the blank:Total number of tally marks in each group (class) is called___

11. Fill in the blank:In a bar graphs___of all bars is not equal.

12. Fill in the blank:In a bar graph, the scale is 1 cm= 8 thousands. The. Length of the rectangle should be ___cm to represent 37.6 thousand.

13. Fill in the blank:In a pictograph 16 diagrams represent 400 vehicles then the number of vehicles represented by each diagram is___

14. what are the difference between pictograph and bar graph?

Example

1. 25 students in a class got the following marks in an assignment- 5, 6, 7, 5, 4, 2, 2, 9, 10, 2, 4, 7, 4, 6, 9, 5, 5, 4, 3, 7, 9, 5, 2, 4, 5, 7. The assignment was for 10 marks.

Organise the data and represent in the form of a frequency distribution table using tally marks.

2. Marks scored by 25 students in a class for 10 marks are 5,6,7,4,2,2,9,10,2,4,7,4,6,9,5,5,4,7,9,5,2,4,5,7. From the above data which mark was obtained by maximum students?From the above given data, number, of marks obtained by maximum students?

> ▶ Watch Video Solution

3. 25 students in a class got the following marks in an assignment- 5, 6, 7, 5, 4, 2, 2, 9, 10, 2, 4, 7, 4, 6, 9, 5, 5, 4, 3, 7, 9, 5, 2, 4, 5, 7. The assignment was for 10 marks.

Find out how many students received least marks.

> ▶ Watch Video Solution

4. 25 students in a class got the following marks in an assignment- 5, 6, 7, 5, 4, 2, 2, 9, 10, 2, 4, 7, 4, 6, 9, 5, 5, 4, 3, 7, 9, 5, 2, 4, 5, 7. The

assignment was for 10 marks.
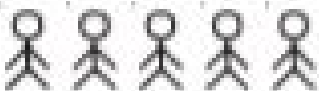
How many students got 8 marks?

5. In a class of 25, students play like various games. The details are shown in the following pictograph. (No student plays more than one game).

Game	Number of Students
Kabaddi	윷윷윷윷윷윷윷윷
Tennikoit	윷윷윷윷
Badminton	윷윷윷윷윷
Cricket	윷윷윷윷윷윷

How many students play badminton?

6. In a class of 25, students like various games. The details are shown in the following pictograph. (No student plays more than one game).

Game	Number of Students
Kabaddi	🧍🧍🧍🧍🧍🧍🧍🧍
Tennikoit	🧍🧍🧍🧍
Badminton	🧍🧍🧍🧍🧍
Cricket	🧍🧍🧍🧍🧍🧍

Which game is played by most number of students?

▶ Watch Video Solution

7. In a class of 25, students like various games. The details are shown in the following pictograph. (No student plays more than one game).

| Game	Number of Students
Kabaddi	👤👤👤👤👤👤👤
Tennikoit	👤👤👤👤
Badminton	👤👤👤👤👤
Cricket	👤👤👤👤👤👤

What is the game in which least number of students are interested?

8. In a class of 25, students play like various games. The details are shown in the following pictograph. (No student plays more than one game).

Game	Number of Students
Kabaddi	👤👤👤👤👤👤👤👤
Tennikoit	👤👤👤👤
Badminton	👤👤👤👤👤
Cricket	👤👤👤👤👤👤

How many students do not play any game?

9. The following pictograph shows the number of tractors in five different villages.

Village	Number
A	🚜 🚜 🚜 🚜 🚜 🚜
B	🚜 🚜 🚜 🚜
C	🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜
D	🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜
E	🚜 🚜 🚜 🚜
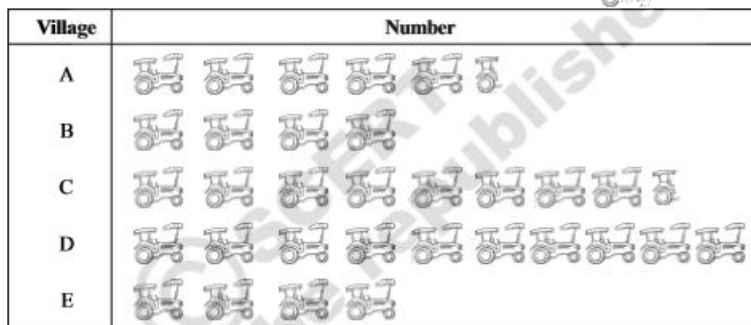
Which village has the minimum number of tractors?

▶ Watch Video Solution

10. The following pictograph shows the number of tractors in five different villages.

Scale : = 2 Tractors

Village	Number
A	🚜 🚜 🚜 🚜 🚜 🚜
B	🚜 🚜 🚜 🚜
C	🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜
D	🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜
E	🚜 🚜 🚜 🚜
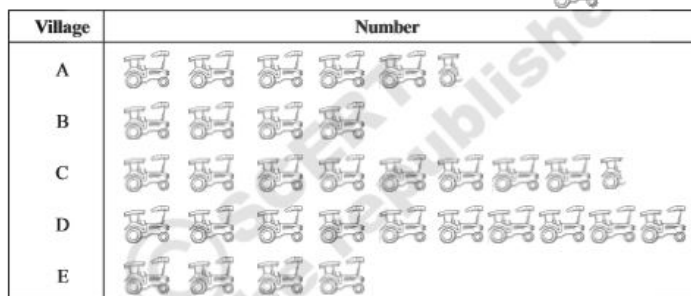
Which village has the maximum number of tractors?

▶ Watch Video Solution

11. The following pictograph shows the number of tractors in five different villages.
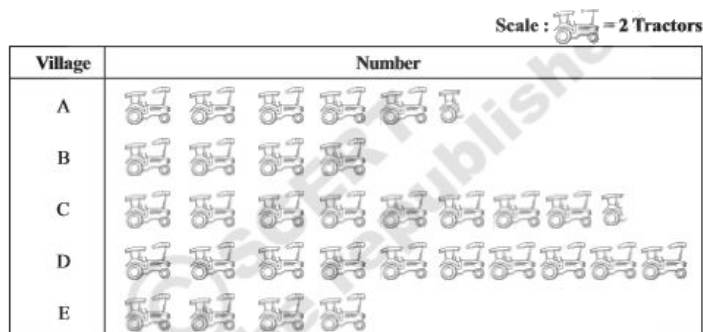
Scale : ⚙ = 2 Tractors

Village	Number
A	🚜 🚜 🚜 🚜 🚜 🚜
B	🚜 🚜 🚜 🚜
C	🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜
D	🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜
E	🚜 🚜 🚜 🚜

How many more tractors does village C have as compared to village B.

▶ Watch Video Solution

---

12. The following pictograph shows the number of tractors in five different villages.

Village	Number
A	🚜 🚜 🚜 🚜 🚜 🚜
B	🚜 🚜 🚜 🚜
C	🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜
D	🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜
E	🚜 🚜 🚜 🚜

What is the total number of tractors in all the five villages?

▶ **Watch Video Solution**

---

13. 25 students in a class got the following marks in an assignment- 5, 6, 7, 5, 4, 2, 2, 9, 10, 2, 4, 7, 4, 6, 9, 5, 5, 4, 3, 7, 9, 5, 2, 4, 5, 7. The assignment was for 10 marks.

Organise the data and represent in the form of a frequency distribution table using tally marks.

▶ **Watch Video Solution**

14. Marks scored by 25 students in a class for 10 marks are 5,6,7,4,2,2,9,10,2,4,7,4,6,9,5,5,4,7,9,5,2,4,5,7. From the above data which mark was obtained by maximum students?From the above given data, number, of marks obtained by maximum students?

15. 25 students in a class got the following marks in an assignment- 5, 6, 7, 5, 4, 2, 2, 9, 10, 2, 4, 7, 4, 6, 9, 5, 5, 4, 3, 7, 9, 5, 2, 4, 5, 7. The assignment was for 10 marks.

Find out how many students received least marks.

16. 25 students in a class got the following marks in an assignment- 5, 6, 7, 5, 4, 2, 2, 9, 10, 2, 4, 7, 4, 6, 9, 5, 5, 4, 3, 7, 9, 5, 2, 4, 5, 7. The

assignment was for 10 marks.

How many students got 8 marks?

17. In a class of 25, students play like various games. The details are shown in the following pictograph. (No student plays more than one game).

Game	Number of Students
Kabaddi	🧍🧍🧍🧍🧍🧍🧍
Tennikoit	🧍🧍🧍🧍
Badminton	🧍🧍🧍🧍🧍
Cricket	🧍🧍🧍🧍🧍🧍

How many students play badminton?

18. In a class of 25, students like various games. The details are shown in the following pictograph. (No student plays more than one game).

Game	Number of Students
Kabaddi	👤👤👤👤👤👤👤👤
Tennikoit	👤👤👤👤
Badminton	👤👤👤👤👤
Cricket	👤👤👤👤👤👤

Which game is played by most number of students?

▶ Watch Video Solution

19. In a class of 25, students like various games. The details are shown in the following pictograph. (No student plays more than one game).

Game	Number of Students
Kabaddi	웃웃웃웃웃웃웃웃
Tennikoit	웃웃웃웃
Badminton	웃웃웃웃웃
Cricket	웃웃웃웃웃웃

What is the game in which least number of students are interested?

20. In a class of 25, students play like various games. The details are shown in the following pictograph. (No student plays more than one game).
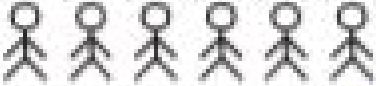
Game	Number of Students
Kabaddi	👤👤👤👤👤👤👤👤
Tennikoit	👤👤👤👤
Badminton	👤👤👤👤👤
Cricket	👤👤👤👤👤👤

How many students do not play any game?

21. The following pictograph shows the number of tractors in five different villages.

Village	Number
A	
B	
C	
D	
E	

Which village has the minimum number of tractors?

▶ **Watch Video Solution**

22. The following pictograph shows the number of tractors in five different villages.

Village	Number
A	
B	
C	
D	
E	

Which village has the maximum number of tractors?

▶ **Watch Video Solution**

23. The following pictograph shows the number of tractors in five different villages.

Scale : ⬚ = 2 Tractors

Village	Number
A	🚜🚜 🚜🚜 🚜🚜 🚜🚜 🚜🚜🚜
B	🚜🚜 🚜🚜 🚜🚜 🚜🚜
C	🚜🚜 🚜🚜 🚜🚜 🚜🚜 🚜🚜 🚜🚜 🚜🚜 🚜🚜 🚜🚜
D	🚜🚜 🚜🚜 🚜🚜 🚜🚜 🚜🚜 🚜🚜🚜🚜🚜🚜🚜🚜
E	🚜🚜 🚜🚜 🚜🚜 🚜🚜
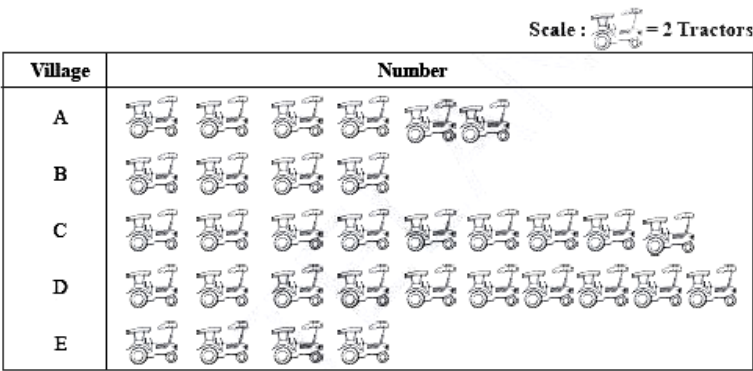
How many more tractors does village C have as compared to village B.

▶ Watch Video Solution

24. The following pictograph shows the number of tractors in five different villages.

Scale : = 2 Tractors

Village	Number
A	
B	
C	
D	
E	

What is the total number of tractors in all the five villages?

▶ Watch Video Solution

Try These

1. Give two examples of data in numerical figures.

▶ Watch Video Solution

2. Give two examples of data in words?

▶ Watch Video Solution

3. Give two examples of data in numerical figures.

▶ Watch Video Solution

4. Give two examples of data in words?

▶ Watch Video Solution

Think Discuss And Write

1. In what way is the bar graph better than the pictograph?

▶ Watch Video Solution

2. In what way is the bar graph better than the pictograph?

▶ Watch Video Solution

Exercise 8 1

1. A child's Kiddy bank is opened and the coins collected are in the following denomination.

Type of coin	Number of coins
50 Piasa	● ● ● ● ●
1 Rupee	● ● ● ● ● ● ●
2 Rupees	● ●
5 Rupees	●

Represent the data in a frequency distribution table using tally marks.

▶ **Watch Video Solution**

2. The favourite colours of 25 students in a class are given below: Blue, Red, Green, White, Blue, Green, White, Red, Orange, Green, Blue, White, Blue, Orange, Blue, Blue, White, Red, White, White, Red, Green, Blue,

Blue, White. Write a frequency distribution table using tally marks for the data. Which is the least favourite colour for the students?

3. A TV channel invited a SMS poll on 'Ban of Liquor' giving options : A - Complete ban B - Partial ban C - Continue sales They received the following SMS, in the first hour

A A B C A B B C A A

A A C C B A A C B A

A A A B B C C A A C

C B B B A A A A A C

Represent the data in a frequency distribution table using tally marks.

4. Vehicles that crossed a checkpost between 10AM to 11AM are as follows:

Car,lorry,bus,lorry,auto,lorry,lorry,bus,auto,bike,bus,lorry,lorry,zeep,

lorry,bus,zeep,car,bike,bus,car,lorry,bus,lorry,bus,bike,car,zeep,bus,lorry,lorry,

bus,car,car,bike,auto. Represent the data in a frequency distribution

table using tally marks.

5. A child's Kiddy bank is opened and the coins collected are in the

following denomination.

Type of coin	Number of coins
50 Piasa	
1 Rupee	
2 Rupees	
5 Rupees	

Represent the data in a frequency distribution table using tally marks.

6. The favourite colours of 25 students in a class are given below: Blue, Red, Green, White, Blue, Green, White, Red, Orange, Green, Blue, White, Blue, Orange, Blue, Blue, White, Red, White, White, Red, Green, Blue, Blue, White. Write a frequency distribution table using tally marks for the data. Which is the least favourite colour for the students?

▶ Watch Video Solution

7. A TV channel invited a SMS poll on 'Ban of Liquor' giving options : A - Complete ban B - Partial ban C - Continue sales They received the following SMS, in the first hour

A A B C A B B C A A

A A C C B A A C B A

A A A B B C C A A C

C B B B A A A A A C

Represent the data in a frequency distribution table using tally marks.

▶ Watch Video Solution

8. Vehicles that crossed a checkpost between 10AM to 11AM are as follows:

Car,lorry,bus,lorry,auto,lorry,lorry,bus,auto,bike,bus,lorry,lorry,zeep,

lorry,bus,zeep,car,bike,bus,car,lorry,bus,lorry,bus,bike,car,zeep,bus,lorry,lorry,

bus,car,car,bike,auto. Represent the data in a frequency distribution table using tally marks.

> ▶ **Watch Video Solution**

Exercise 8 2

1. The number of wrist watches manufactured by a factory in a week are as follows. Represent the data using a pictograph. Choose a suitable scale.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
300	350	250	400	300	275

> ▶ **Watch Video Solution**

2. details of apples sold in a week by Ahmed, a fruit vendor are given here under. Prepare a pictograph for the data: [Scale: Represent 5 fruits with a symbol] : How many symbols represent the fruit sold on Tuesday?

Sunday	Monday	Tuésday	Wednesday	Thursday	Friday	Saturday
100	85	90	80	60	95	70

▶ Watch Video Solution

3. details of apples sold in a week by Ahmed, a fruit vendor are given here under. Prepare a pictograph for the data: [Scale: Represent 5 fruits with a symbol] : How many symbols represent the fruit sold on Tuesday?

Sunday	Monday	Tuésday	Wednesday	Thursday	Friday	Saturday
100	85	90	80	60	95	70

▶ Watch Video Solution

4. Votes polled for various candidates in a sarpanch election are shown below, against their symbols in the following table.

Symbol	Sun	Pot	Tree	Watch
Number of votes	400	550	350	200

Represent the data using a pictograph. Choose a suitable scale.

Answer the following questions:

Which symbol got least votes?

▶ Watch Video Solution

5. Votes polled for various candidates in a sarpanch election are shown below against their symbols in the following table. Represent the data using a pictograph. Choose a suitable scale: Which symbol candidate won in the election?

Symbol	Sun	Pot	Tree	Watch
Number of votes	400	550	350	200

▶ Watch Video Solution

6. The following pictograph shows the number of students' cycles, in five classes of a school. Which class students have the maximum

Class	Number of cycles
VI	🚲 🚲 🚲 🚲 🚲
VII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
VIII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
IX	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
X	🚲 🚲 🚲 🚲 🚲 🚲 🚲

▶ Watch Video Solution

7. The following pictograph shows the number of student cycles, in five classes of a school.

Class	Number of cycles
VI	🚲 🚲 🚲 🚲 🚲
VII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
VIII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
IX	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
X	🚲 🚲 🚲 🚲 🚲 🚲 🚲

Answer the following questions based on the pictograph given above-

Which class students have the minimum number of cycles?
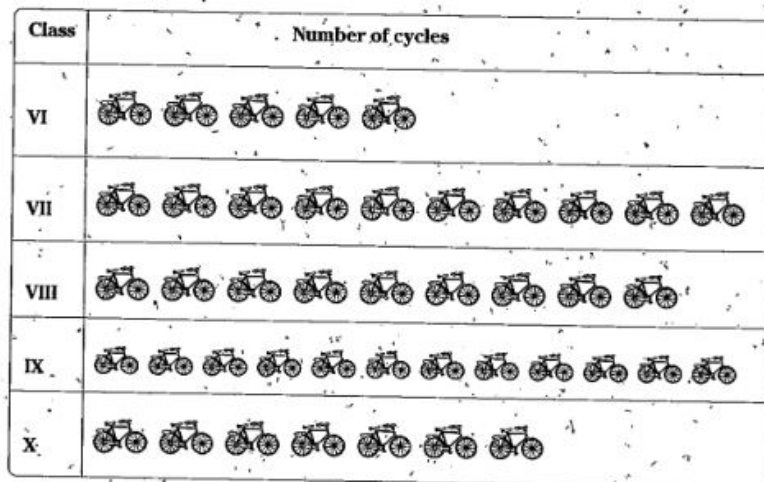
8. The following pictograph shows the number of students' cycles, in five classes of a school. Which class students have 9 cycles?
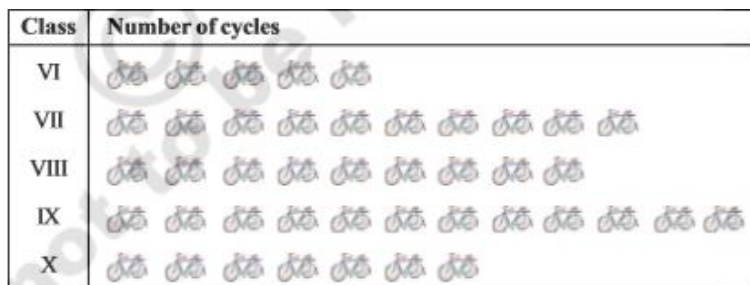
Class	Number of cycles
VI	🚲 🚲 🚲 🚲 🚲
VII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
VIII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
IX	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
X	🚲 🚲 🚲 🚲 🚲 🚲 🚲

9. The following pictograph shows the number of student cycles, in five classes of a school.

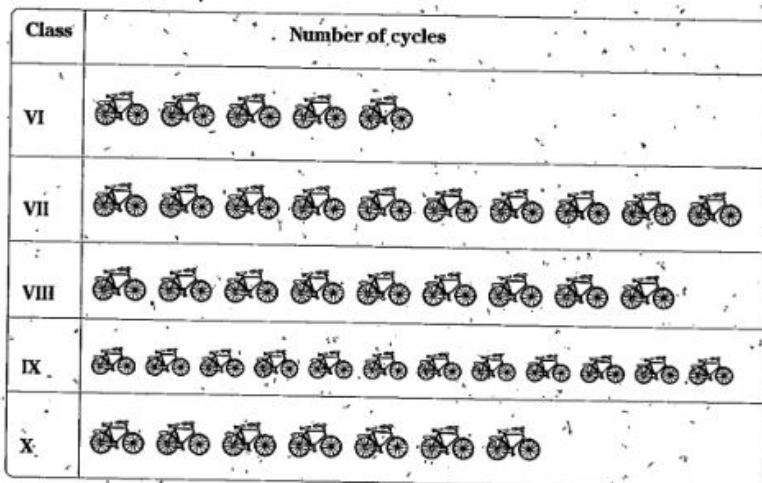| Class	Number of cycles
VI	🚲 🚲 🚲 🚲 🚲
VII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
VIII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
IX	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
X	🚲 🚲 🚲 🚲 🚲 🚲 🚲

Answer the following questions based on the pictograph given above-

What is the total number of cycles in all the five classes?

> ▶ **Watch Video Solution**

10. The sale of television sets of different companies on a day is shown in the pictograph given below.

Scale : 📺 = 5 televisions

Company	Number of television sets							
A	📺	📺	📺	📺	📺			
B	📺	📺						
C	📺	📺	📺	📺	📺	📺	📺	📺
D	📺							
E	📺	📺	📺					

Answer the following questions:

How many TVs of company A were sold?

> ▶ **Watch Video Solution**

11. The sale of television sets of different companies on a day is shown in the pictograph given below.

Scale : = 5 televisions

Company	Number of television sets
A	
B	
C	
D	
E	
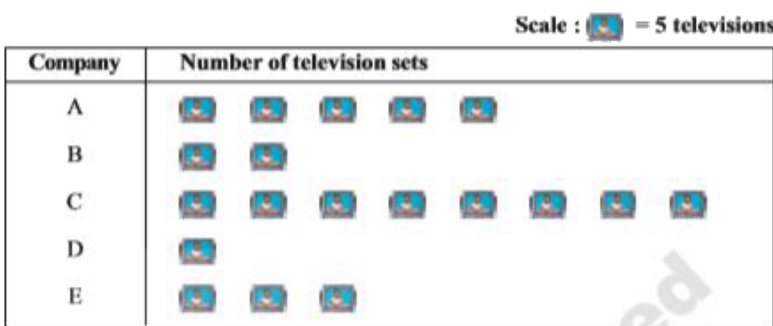
Answer the following questions:

Which company's TVs are people more crazy about?

▶ **Watch Video Solution**

---

12. The sale of television sets of different companies on a day is shown in the pictograph given below.

Company	Number of television sets
A	☐ ☐ ☐ ☐ ☐
B	☐ ☐
C	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
D	☐
E	☐ ☐ ☐
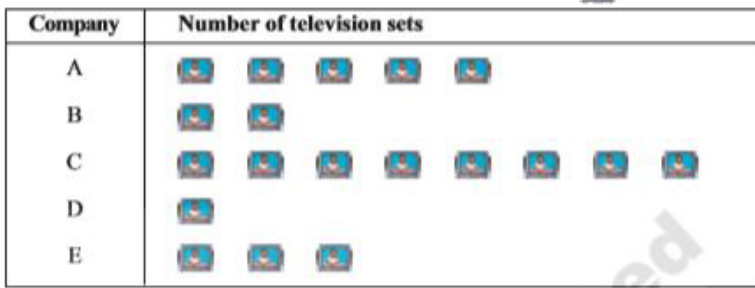
Answer the following questions:

Which company sold 15 TV sets?

▶ **Watch Video Solution**

13. The sale of television sets of different companies on a day is shown in the pictograph given below.

Scale : ☐ = 5 televisions

Company	Number of television sets
A	☐ ☐ ☐ ☐ ☐
B	☐ ☐
C	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
D	☐
E	☐ ☐ ☐
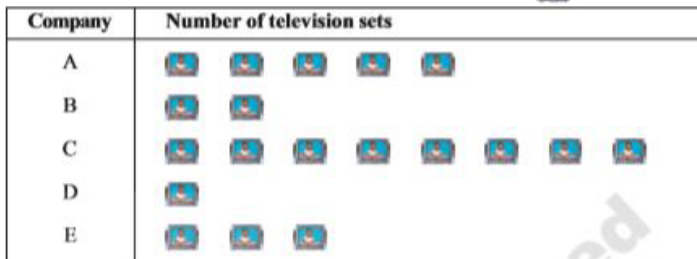
Answer the following questions:

Which company had the least sale?

▶ **Watch Video Solution**

14. Monthly salaries of 5 workers are shown in the pictograph given below: Who earns more salary?

Worker	Salary
Ramesh	🔳🔳🔳🔳🔳🔳🔳🔳
Vilas	🔳🔳🔳🔳🔳🔳🔳
Venkat	🔳🔳🔳🔳🔳🔳
Dinesh	🔳🔳🔳🔳🔳🔳🔳🔳🔳
Sachin	🔳🔳🔳🔳🔳🔳🔳🔳🔳🔳
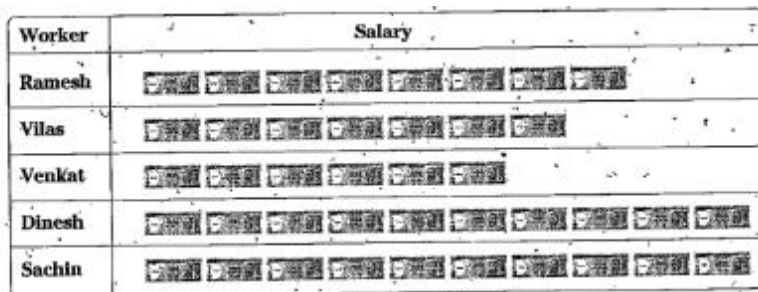
▶ Watch Video Solution

15. Monthly salaries of 5 workers are shown in the pictograph given below: Who earns more salary?

Worker	Salary
Ramesh	🔳🔳🔳🔳🔳🔳🔳🔳
Vilas	🔳🔳🔳🔳🔳🔳🔳
Venkat	🔳🔳🔳🔳🔳🔳
Dinesh	🔳🔳🔳🔳🔳🔳🔳🔳🔳
Sachin	🔳🔳🔳🔳🔳🔳🔳🔳🔳🔳

▶ Watch Video Solution

16. Monthly salaries of 5 workers are shown in the pictograph given below: Who earns more salary?

Worker	Salary
Ramesh	🖼 🖼 🖼 🖼 🖼 🖼 🖼 🖼
Vilas	🖼 🖼 🖼 🖼 🖼 🖼 🖼
Venkat	🖼 🖼 🖼 🖼 🖼 🖼
Dinesh	🖼 🖼 🖼 🖼 🖼 🖼 🖼 🖼 🖼 🖼
Sachin	🖼 🖼 🖼 🖼 🖼 🖼 🖼 🖼 🖼 🖼

▶ Watch Video Solution

17. Monthly salaries of 5 workers are shown in the pictograph given below: Who earns more salary?

Worker	Salary
Ramesh	🖼 🖼 🖼 🖼 🖼 🖼 🖼 🖼
Vilas	🖼 🖼 🖼 🖼 🖼 🖼 🖼
Venkat	🖼 🖼 🖼 🖼 🖼 🖼
Dinesh	🖼 🖼 🖼 🖼 🖼 🖼 🖼 🖼 🖼 🖼
Sachin	🖼 🖼 🖼 🖼 🖼 🖼 🖼 🖼 🖼 🖼

▶ Watch Video Solution

18. The number of wrist watches manufactured by a factory in a week are as follows. Represent the data using a pictograph. Choose a suitable scale.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
300	350	250	400	300	275

> ▶ Watch Video Solution

19. details of apples sold in a week by Ahmed, a fruit vendor are given here under. Prepare a pictograph for the data: [Scale: Represent 5 fruits with a symbol] : How many symbols represent the fruit sold on Tuesday?
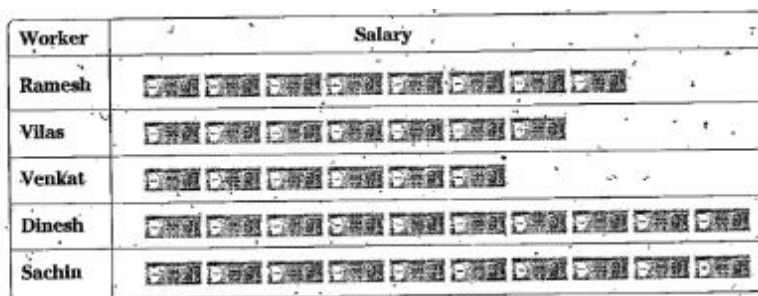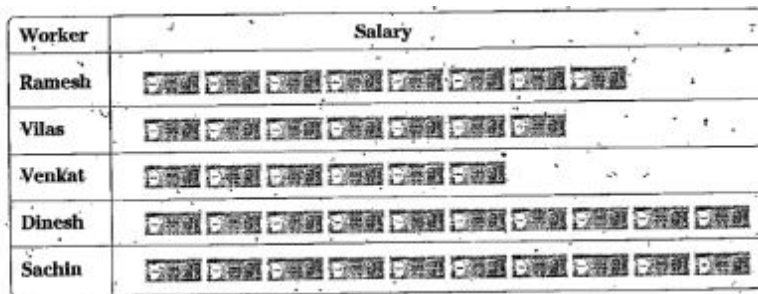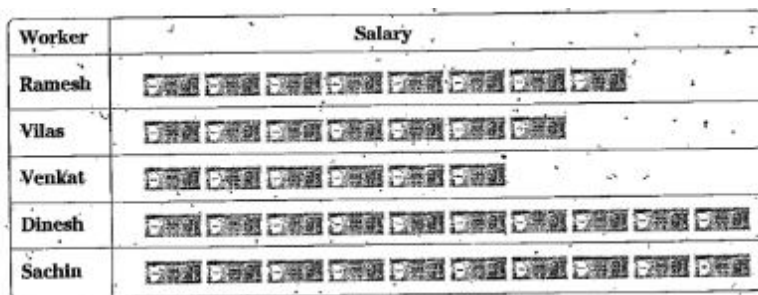
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
100	85	90	80	60	95	70

> ▶ Watch Video Solution

20. details of apples sold in a week by Ahmed, a fruit vendor are given here under. Prepare a pictograph for the data: [Scale: Represent 5

fruits with a symbol] : How many symbols represent the fruit sold on Tuesday?

Sunday	Monday	Tuésday	Wednesday	Thursday	Friday	Saturday
100	85	90	80	60	95	70

21. Votes polled for various candidates in a sarpanch election are shown below, against their symbols in the following table.

Symbol	Sun	Pot	Tree	Watch
Number of votes	400	550	350	200

Represent the data using a pictograph. Choose a suitable scale.

Answer the following questions:

Which symbol got least votes?

22. Votes polled for various candidates in a sarpanch election are shown below against their symbols in the following table. Represent the data using a pictograph. Choose a suitable scale: Which symbol

candidate won in the election?

Symbol	Sun	Pot	Tree	Watch
Number of votes	400	550	350	200

23. The following pictograph shows the number of student cycles, in five classes of a school.

Class	Number of cycles
VI	🚲 🚲 🚲 🚲 🚲
VII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
VIII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
IX	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
X	🚲 🚲 🚲 🚲 🚲 🚲 🚲

Answer the following questions based on the pictograph given above-

Which class students have the maximum number of cycles?

24. The following pictograph shows the number of student cycles, in

five classes of a school.

Class	Number of cycles
VI	🚲 🚲 🚲 🚲 🚲
VII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
VIII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
IX	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
X	🚲 🚲 🚲 🚲 🚲 🚲 🚲

Answer the following questions based on the pictograph given above-

Which class students have the minimum number of cycles?

▶ Watch Video Solution

25. The following pictograph shows the number of students' cycles, in

five classes of a school. Which class students have 9 cycles?

Class	Number of cycles
VI	🚲 🚲 🚲 🚲 🚲
VII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
VIII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
IX	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
X	🚲 🚲 🚲 🚲 🚲 🚲 🚲

26. The following pictograph shows the number of student cycles, in five classes of a school.

Class	Number of cycles
VI	🚲 🚲 🚲 🚲 🚲
VII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
VIII	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
IX	🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲 🚲
X	🚲 🚲 🚲 🚲 🚲 🚲 🚲

Answer the following questions based on the pictograph given above-

What is the total number of cycles in all the five classes?

27. The sale of television sets of different companies on a day is shown in the pictograph given below.

Scale : 🖳 = 5 televisions

Company	Number of television sets
A	🖳 🖳 🖳 🖳 🖳
B	🖳 🖳
C	🖳 🖳 🖳 🖳 🖳 🖳 🖳 🖳
D	🖳
E	🖳 🖳 🖳

Answer the following questions:

How many TVs of company A were sold?

28. The sale of television sets of different companies on a day is shown in the pictograph given below.

Company	Number of television sets
A	
B	
C	
D	
E	

Answer the following questions:

Which company's TVs are people more crazy about?

▶ **Watch Video Solution**

29. The sale of television sets of different companies on a day is shown

in the pictograph given below.

Company	Number of television sets
A	
B	
C	
D	
E	

Answer the following questions:

Which company sold 15 TV sets?

30. The sale of television sets of different companies on a day is shown in the pictograph given below.

Scale : 🖥 = 5 televisions

Company	Number of television sets
A	🖥 🖥 🖥 🖥 🖥
B	🖥 🖥
C	🖥 🖥 🖥 🖥 🖥 🖥 🖥 🖥
D	🖥
E	🖥 🖥 🖥
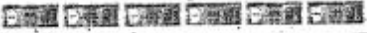
Answer the following questions:

Which company had the least sale?

31. Monthly salaries of 5 workers are shown in the pictograph given below: What is the scale used in the pictograph?

Worker	Salary
Ramesh	🖼️🖼️🖼️🖼️🖼️🖼️🖼️🖼️
Vilas	🖼️🖼️🖼️🖼️🖼️🖼️🖼️
Venkat	🖼️🖼️🖼️🖼️🖼️🖼️
Dinesh	🖼️🖼️🖼️🖼️🖼️🖼️🖼️🖼️🖼️🖼️
Sachin	🖼️🖼️🖼️🖼️🖼️🖼️🖼️🖼️🖼️🖼️

▶ Watch Video Solution

---

32. Monthly salaries of 5 workers are shown in the pictograph given below:

Scale : 🖼️ = 1000 rupees

Worker	Salary
Ramesh	🖼️🖼️🖼️🖼️🖼️🖼️🖼️🖼️
Vilas	🖼️🖼️🖼️🖼️🖼️🖼️🖼️
Venkat	🖼️🖼️🖼️🖼️🖼️🖼️
Dinesh	🖼️🖼️🖼️🖼️🖼️🖼️🖼️🖼️🖼️🖼️
Sachin	🖼️🖼️🖼️🖼️🖼️🖼️🖼️🖼️🖼️🖼️

Answer the following questions:

How much is Sachin's salary?

▶ Watch Video Solution

33. Monthly salaries of 5 workers are shown in the pictograph given below: Who earns more salary?

Worker	Salary
Ramesh	🔲🔲🔲🔲🔲🔲🔲🔲
Vilas	🔲🔲🔲🔲🔲🔲🔲
Venkat	🔲🔲🔲🔲🔲🔲
Dinesh	🔲🔲🔲🔲🔲🔲🔲🔲🔲🔲
Sachin	🔲🔲🔲🔲🔲🔲🔲🔲🔲🔲
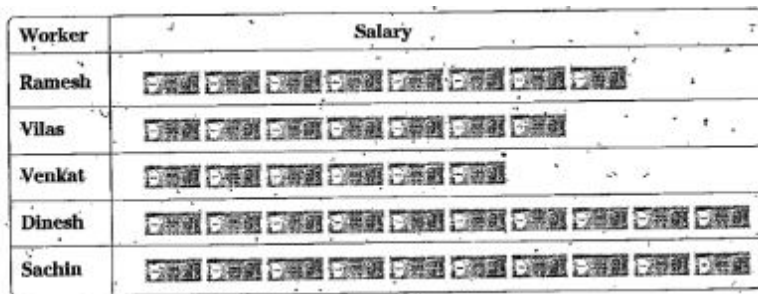
> ▶ **Watch Video Solution**

34. Monthly salaries of 5 workers are shown in the pictograph given below:

Scale : 🔲 = 1000 rupees

Worker	Salary
Ramesh	🔲🔲🔲🔲🔲🔲🔲🔲
Vilas	🔲🔲🔲🔲🔲🔲🔲
Venkat	🔲🔲🔲🔲🔲🔲
Dinesh	🔲🔲🔲🔲🔲🔲🔲🔲🔲🔲
Sachin	🔲🔲🔲🔲🔲🔲🔲🔲🔲🔲

Answer the following questions:

How much is Ramesh's salary more than Vilas's?

Exercise 8 3

1. The life span of animals is given as follows: bear-40 years, Bull-28 years, camel-50 years ,dog-22 years, donkey- 45 years, goat- 15 years, horse-10 years, cow-22 years, elephant-70 years. Draw a horizontal bar graph to represent the data.

▶ **Watch Video Solution**

2. the following table shows the monthly expenditure of Imran's family on various items. Construct a vertical bar diagram to represent the

Item	House rent	Food	Education	Electricity	Transport	Misc
Expenditure (in Rupees)	3000	3400	800	400	600	1200

above data.

▶ **Watch Video Solution**

3. Travelling time from Hyderabad to Tirupathi by different means of transport are: Car- 8 hours, Bus- 15 years, Train- 12 years, Aeroplane – 1 hour, Represent the information using a bar diagram.

▶ Watch Video Solution

4. A survey of 120 school students was conducted to find which activity they prefer to do in their free time.

Preferred activity	Playing	Reading story books	Watching TV	Listening to music	Painting
Number of students	25	10	40	10	15

Draw a bar graph to illustrate the above data.

▶ Watch Video Solution

5. The life span of animals is given as follows: bear-40 years, Bull-28 years, camel-50 years ,dog-22 years, donkey- 45 years, goat- 15 years, horse-10 years, cow-22 years, elephant-70 years. Draw a horizontal bar graph to represent the data.

6. the following table shows the monthly expenditure of Imran's family

on various items. Construct a vertical bar diagram to represent the

above data.

Item	House rent	Food	Education	Electricity	Transport	Misc
Expenditure. (in Rupees)	3000	3400.	800	400	600	1200

7. Travelling time from Hyderabad to Tirupathi by different means of

transport are: Car- 8 hours, Bus- 15 years, Train- 12 years, Aeroplane – 1

hour, Represent the information using a bar diagram.

8. A survey of 120 school students was conducted to find which activity

they prefer to do in their free time.

Preferred activity	Playing	Reading story books	Watching TV	Listening to music	Painting
Number of students	25	10	40	10	15

Draw a bar graph to illustrate the above data.

▶ **Watch Video Solution**