

# Worksheet: Collecting Statistical Data



**Q1:** Using the frequency table, find which hobby is the most popular.

Hobby	Singing	Drawing	Acting	Reading	Music	Total
Number of Students	7	8	13	9	6	43



Question Video

- A acting
- B music
- C drawing
- D reading
- E singing

**Q2:** The recorded temperatures in a week from Saturday to Friday were  $28^{\circ}$ ,  $35^{\circ}$ ,  $39^{\circ}$ ,  $26^{\circ}$ ,  $34^{\circ}$ ,  $32^{\circ}$ , and  $30^{\circ}$ , respectively. Which day was the hottest?

- A Saturday
- B Thursday
- C Wednesday
- D Monday
- E Friday

**Q3:** What is the best method to find out the number of cars entering a certain garage?

- A measuring
- B counting and recording
- C asking others









Question Video

**Q4:** The pictograph shows the number of books sold by a bookstore in a week.



Question Video

Books Sold	Day
	Monday
	Tuesday
	Wednesday
	Thursday
	Friday
	Saturday

What is the total number of books sold that week?

- A 25
- B 29
- C 30
- D 32
- E 33

**Q5:** The table below represents the number of students studying various subjects in two schools. Calculate the total number of students who study art.

Subject	English	Music	Art	History	Science	Mathematics
First School	46	50	24	81	36	19
Second School	15	91	62	23	87	57

- A 123
- B 96
- C 61
- D 104
- E 86

**Q6:** Are counting, recording, measuring and surveying data examples of data collection methods?

- A no
- B yes

**Q7:** What is the best method to find the height of a plant?

- A asking others
- B measuring
- C counting and recording

**Q8:** What is the best method to find out a student's preference for extra-curricular activities?

- A measuring
- B counting and recording
- C asking them

**Q9:** The table shows the average temperature of each day in a town during one week. Which two days have equal temperature?

Day	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Temperature (°C)	21	18	21	23	25	22	17

- A Saturday and Monday
- B Sunday and Monday
- C Saturday and Thursday
- D Monday and Wednesday

**Q10:** The table shows the preferred means of transport for students in a class. What is the least popular means of transport?

Preferred Means of Transport	Taxi	Bicycle	Bus	Train
Number of Students	7	11	16	8

- A taxi
- B bicycle
- C train
- D bus

**Q11:** The table shows the number of students that are studying various subjects at university. What is the least popular subject?

Subject	Arabic	English	Maths	Science	Art
Number of Students	31	25	58	64	52

- A Arabic
- B Maths
- C Science
- D English

**Q12:** The table shows the recorded temperatures in 5 cities. Which city has a higher temperature than City 2?

City	City 1	City 2	City 3	City 4	City 5
Temperature in degrees Celsius	14	40	24	50	39

- A City 1
- B City 3
- C City 2
- D City 4

**Q13:** The table shows the recorded temperatures in 5 cities. Which city has the lowest temperature?

City	City 1	City 2	City 3	City 4	City 5
Temperature in Degrees Celsius	13	24	9	14	21

- A city 4
- B city 2
- C city 5
- D city 3

**Q14:** The following data points represent the number of books read by Andrew in different months:

5, 6, 3, 9, 6.

What was the maximum number of books read by Andrew in one month?

A 10 books

B 3 books

C 9 books

D 5 books

E 6 books

**Q15:** The recorded temperatures in a week from Saturday to Friday were  $37^\circ$ ,  $28^\circ$ ,  $31^\circ$ ,  $32^\circ$ ,  $29^\circ$ ,  $26^\circ$ , and  $34^\circ$ , respectively. On which days was the temperature less than  $30^\circ$ ?

A Sunday, Wednesday, and Tuesday

B Wednesday, Thursday, and Friday

C Sunday, Thursday, and Monday

D Sunday, Wednesday, and Thursday

E Sunday, Wednesday, and Saturday



**Q16:** The recorded temperatures in a week from Saturday to Friday were  $39^\circ$ ,  $25^\circ$ ,  $32^\circ$ ,  $40^\circ$ ,  $28^\circ$ ,  $33^\circ$ , and  $36^\circ$  respectively. Which day was the coolest?

- A Friday
- B Wednesday
- C Monday
- D Thursday
- E Sunday

**Q17:** The table shows the maximum daily temperatures, in degrees Celsius, in November. What was the maximum temperature that month?

17	18	16	19	17	15	17	15	17	19
22	23	23	22	18	17	19	16	20	20
20	18	20	22	22	22	17	25	24	19

- A  $24^\circ\text{C}$
- B  $15^\circ\text{C}$
- C  $23^\circ\text{C}$
- D  $25^\circ\text{C}$