



CREST Mathematics Olympiad (CMO) Worksheet *for* Class 3



Topic

Data Handling



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info@crestolympiads.com



+91-98182-94134

Worksheet on Data Handling

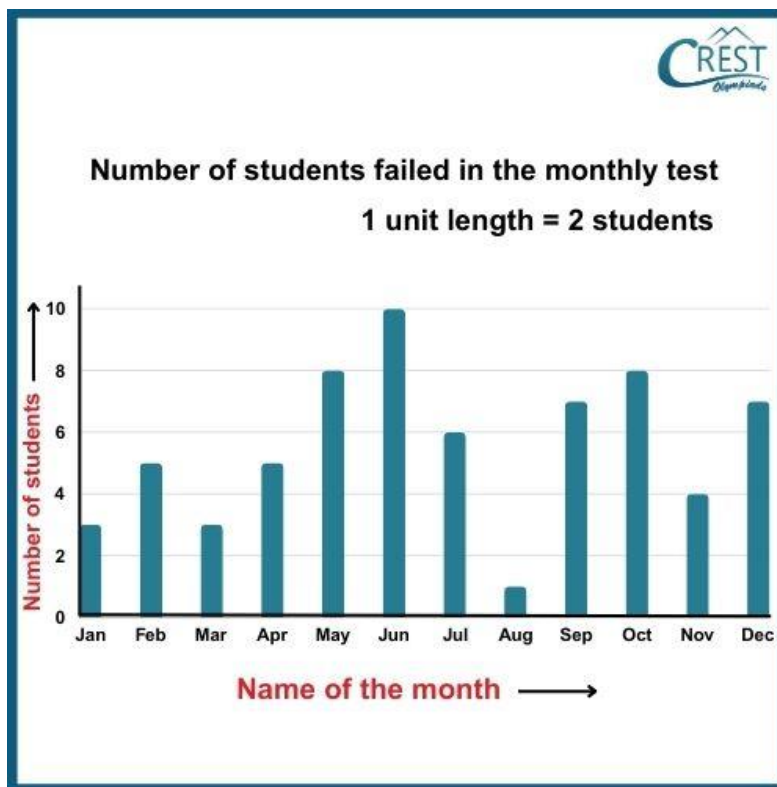
1. The pictograph given below shows the number of trees planted in an orchard.

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Name of Fruit Trees	Number of Trees
Pomegranate	   
Apple	    
Pineapple	 
Grape	    
Fig	   
Mango	  
NOTE:	Each fruit tree represents 45 trees.

How many grape trees are planted in an orchard?

- a. 215
- b. 225
- c. 235
- d. 255

Directions (2-3): Answer the following questions after carefully examining the bar graph showing the number of students who failed the monthly test.



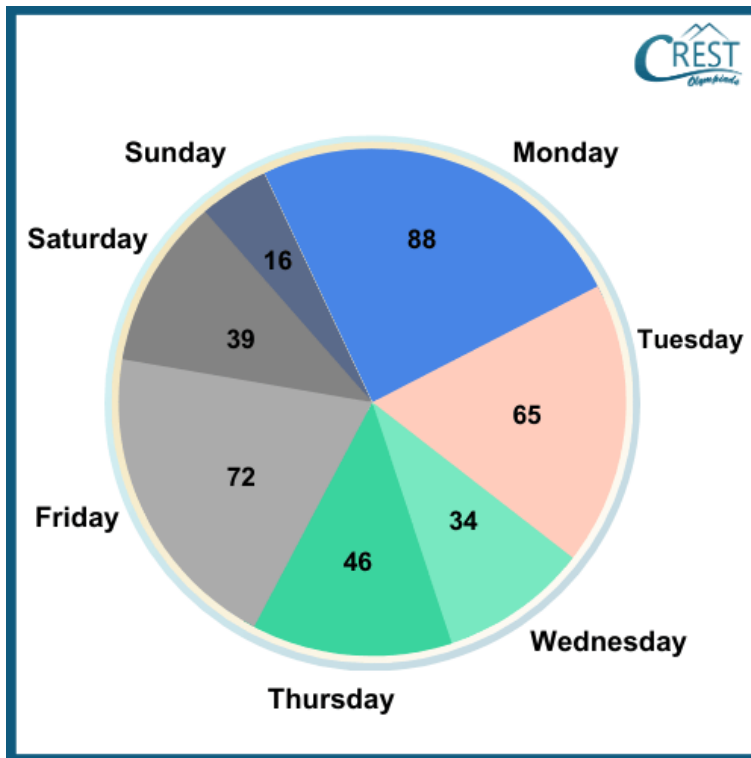
2. In which month did the number of students fail the most?

- a. January
- b. June
- c. July
- d. October

3. What is the difference in the number of students who failed in February and August?

- a. 2
- b. 3
- c. 4
- d. 5

Directions (4-5): The pie chart gives the details of the number of cars parked this week. Carefully observe the pie chart and answer the following questions:



4. What is the total number of cars parked during this week?
- a. 360
 - b. 640
 - c. 720
 - d. 960
5. What is the difference in the number of cars parked on Monday and Saturday?
- a. 29
 - b. 39
 - c. 49
 - d. 69

Answer Key

1. b - 225

Explanation: Number of grape trees = 5

Each fruit tree represents 45 trees.

$$\begin{aligned}\text{Total number of grape trees in an orchard} &= 5 \times 45 \\ &= 225\end{aligned}$$

2. b - June

Explanation: The maximum number of students failing means the maximum height of the bar.

The maximum number of students failed in the month of June.

3. c - 4

Explanation: Number of students who failed in February = 5

Number of students who failed in August = 1

$$\text{Difference in the number of students who failed in February and August} = 5 - 1 = 4$$

4. a - 360

Explanation: Total number of cars parked during this week

$$= 88 + 65 + 34 + 46 + 72 + 39 + 16$$

$$= 360$$

5. c - 49

Explanation: The difference in the number of cars parked on Monday and Saturday = $88 - 39 = 49$

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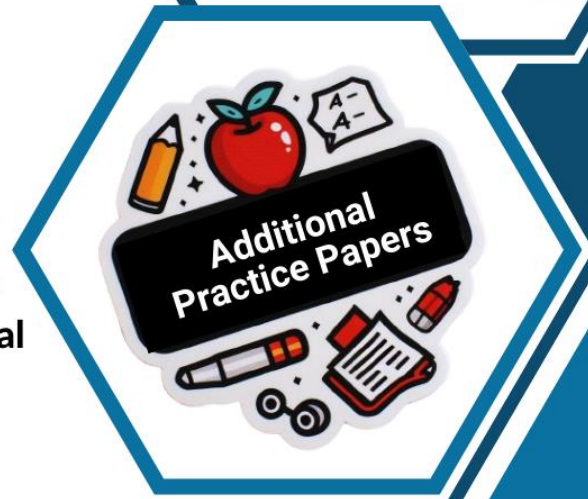
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