

CLASS 8 · HOTS · OLYMPIAD PREPARATION · DPP SHEET

Chapter 14: HOTS: Tales by Dots and Lines (Class 8)

Daily practice problems: 8 questions with an answer key

Try every question on your own first. The answer key is on the last page.

1. Find the mean of 3, 6, 9 and 12.
2. The mean of 9 numbers is 20. A tenth number, 30, is added. Find the new mean.
3. Find the median of 2, 8, 4, 6, 10 and 12.
4. The values 10, 20 and 30 occur 2, 3 and 5 times respectively. Find the mean.
5. The mean of 5 numbers is 12. One of the numbers changes from 8 to 18. Find the new mean.
6. Find the median of 5, 1, 9, 3 and 7.
7. A line graph shows the values 3, 5, 4 and 8 at four times. Between which two consecutive times is the rise the greatest?
8. Find the mean of the first five even numbers.

Answer Key

1. 7.5.
2. 21.
3. 7.
4. 23.
5. 14.
6. 5.
7. Between the third and the fourth time (a rise of 4).
8. 6.

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