Assignment 0

Due on 2020-01-07, 03:00 PM

1. What is the mean of a distribution? What is its unit of measure? Is the mean a statistic or a parameter? 1 point

2. A data set consists of the numbers 9, 12, 17, 23, 25, and 32. What is the mean of this data set? 1 point

3. The heights of 10 students in a class are: 160 cm, 162 cm, 165 cm, 168 cm, 170 cm, 172 cm, 174 cm, 176 cm, 178 cm, 180 cm. What is the mean height of the class? 1 point

4. In a survey, the following income levels were reported: $10,000, $20,000, $30,000, $40,000, $50,000. What is the mean income of these respondents? 1 point

5. A company has the following sales data for the past 6 months: 120,000, 130,000, 140,000, 150,000, 160,000, 170,000. What is the mean sales for this company? 1 point

6. The ages of 50 employees in a company range from 22 to 45 years. What is the mean age of the employees? 1 point

7. In a classroom, the grades of 10 students are: 78, 82, 84, 90, 92, 94, 96, 98, 100, 102. What is the mean grade of the class? 1 point

8. A survey was conducted to determine the average number of hours spent on homework by high school students. The following results were obtained: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11. What is the mean number of hours spent on homework? 1 point

9. The number of books read by 10 students in a semester are: 15, 17, 20, 22, 23, 25, 28, 30, 32, 35. What is the mean number of books read? 1 point

10. A teacher recorded the number of pages read by 10 students in a week. The numbers are: 10, 12, 15, 18, 20, 22, 25, 28, 30, 32. What is the mean number of pages read? 1 point

11. A group of 10 people was asked how many hours they work per week. The responses were: 40, 45, 50, 55, 60, 65, 70, 75, 80, 85. What is the mean number of hours worked? 1 point

12. The following data represents the number of books read by 10 students in a year: 20, 22, 24, 26, 28, 30, 32, 34, 36, 38. What is the mean number of books read? 1 point

13. In a study, the average number of hours spent on social media by students was recorded. The data is as follows: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11. What is the mean number of hours spent on social media? 1 point

14. A teacher recorded the number of days absent from school by 10 students in a month. The numbers are: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10. What is the mean number of days absent? 1 point

15. In a survey, the following number of hours spent on exercise by 10 students were recorded: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10. What is the mean number of hours spent on exercise? 1 point

16. The following data represents the number of hours spent on homework by 10 students in a week: 10, 12, 15, 18, 20, 22, 25, 28, 30, 32. What is the mean number of hours spent on homework? 1 point

17. A group of 10 people was asked how many hours they spend on sports per week. The responses were: 20, 25, 30, 35, 40, 45, 50, 55, 60, 65. What is the mean number of hours spent on sports? 1 point

18. In a study, the average number of hours spent on volunteering by students was recorded. The data is as follows: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11. What is the mean number of hours spent on volunteering? 1 point

19. A teacher recorded the number of minutes spent on homework by 10 students in a day. The numbers are: 60, 65, 70, 75, 80, 85, 90, 95, 100, 105. What is the mean number of minutes spent on homework? 1 point

20. In a survey, the following number of hours spent on sleep by 10 students were recorded: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17. What is the mean number of hours spent on sleep? 1 point