

Here are the answers for the 5 sets of 100 Statistics questions provided earlier:

Statistics - SET 1 Answers

1. 7
2. 11
3. 8.5
4. 7
5. Qualitative data (e.g. color)
6. Pie chart
7. Mean
8. $1/6$
9. About 12 students above median
10. Number of times data occurs
11. Class 2 (frequency 7)
12. Height, weight
13. 10
14. Bar chart (visual)
15. All individuals in study
16. Non-representative sample
17. 20
18. 2
19. $2/5 = 40\%$
20. 0.43
21. Count occurrences
22. 72°
23. Data far from others
24. 6

- 25. 10
- 26. Shows frequency distribution
- 27. 7
- 28. 8
- 29. Number of times
- 30. Ratio of favorable outcomes
- 31. 9
- 32. Discrete data
- 33. 15
- 34. Relationship between two variables
- 35. $\frac{1}{3}$
- 36. Middle value
- 37. 6
- 38. Quartiles split data into four
- 39. 2
- 40. Mean is affected
- 41. Subset of population
- 42. $\frac{3}{5}$
- 43. Running total
- 44. Graph showing stems and leaves
- 45. Hair color
- 46. Difference between Q3 and Q1
- 47. Line graph/time plot
- 48. 10
- 49. Average of two middle values
- 50. $\frac{1}{13}$
- 51. 4
- 52. Grouped data with classes

53. Intervals
54. Frequency line graph
55. Frequency relative to total
56. $\text{Sum}(\text{frequency} \times \text{mid-value}) / \text{total frequency}$
57. Avoids bias
58. Range of class
59. Connected points plot
60. 25th percentile
61. $1/13$
62. Voluntary sample
63. Boxplot
64. 11
65. Variance, range, IQR
66. Class containing median
67. 7
68. $3/5$
69. Captures common value
70. Shifts mean
71. Upper quartile
72. Bar chart
73. Count
74. 10 books per student
75. Data from others
76. 15
77. Error margin
78. 14
79. Any value in range
80. $1/2$

- 81. 15
- 82. Midpoint between classes
- 83. Organizes data
- 84. Spread measure
- 85. 16
- 86. Common value
- 87. Percentage parts
- 88. Data collection
- 89. Spread of middle half
- 90. Symbols for data count
- 91. 10
- 92. $\frac{2}{7}$
- 93. 43
- 94. 30s (stem 3)
- 95. Mean < median
- 96. Variable with outcomes
- 97. Relationship of two variables
- 98. 14
- 99. $\frac{1}{2}$
- 100. 9

Statistics - SET 2 Answers

- 1. 19
- 2. Quartiles
- 3. 14
- 4. 15.75
- 5. 15
- 6. Values within a range

7. Histogram
8. Bar chart
9. 11
10. Max - min
11. Data and frequency
12. $\frac{1}{6}$
13. Running total of frequencies
14. 6
15. 10
16. Class 2
17. Grouped by intervals
18. 16
19. Person survey studies
20. Skewed means one tail
21. 11
22. 14
23. Most common value
24. Pie chart
25. Frequency dots
26. 12
27. Proportion/percentage of total
28. $\frac{1}{6}$
29. $\frac{2}{3}$
30. Number of times
31. 10
32. 30
33. 27
34. 342

- 35. 24
- 36. 70
- 37. $1/2$
- 38. 3 primes out of 6
- 39. 15
- 40. 8
- 41. Width of interval
- 42. Pictures to count
- 43. Entire group studied
- 44. 8
- 45. Selected group
- 46. 17
- 47. Non-random preference
- 48. Categories
- 49. Count
- 50. Running total of counts
- 51. 25.25
- 52. 21
- 53. 14
- 54. 11
- 55. Change over time
- 56. Weighted average
- 57. Values between integers
- 58. $3/6 = 1/2$
- 59. 17.3
- 60. Extreme value
- 61. 20 (max frequency)
- 62. 14

- 63. Possible outcomes over total
- 64. 10
- 65. 18
- 66. 15
- 67. 6.8
- 68. $2/5=0.4$
- 69. Median: middle value
- 70. Number between lower and upper quartile
- 71. $1/6 + 1/6 + \dots$
- 72. Relationship between two variables
- 73. 25%
- 74. 10
- 75. Centre measure
- 76. Most frequent value
- 77. Visual chart
- 78. 8
- 79. Proportion of favorable events
- 80. Mean
- 81. Most frequent
- 82. 21
- 83. Lowest to highest
- 84. Tendency of data
- 85. 12
- 86. Median
- 87. List of data and frequencies
- 88. Highest frequency class
- 89. Probability of first \times second event
- 90. 12

91. Easy visualization
92. Middle value
93. Value dividing bottom 25%
94. Common value
95. Convert bar height to %
96. Spread of data
97. Bar heights
98. 32.7
99. $1/4$
100. Range = max - min

Statistics - SET 3 Answers

1. 55
2. Average value
3. Number of occurrences
4. Most frequent value
5. 16
6. 16.75
7. 10
8. $1/3$
9. Shows data changes
10. Data ranges grouped
11. Spread of data
12. 17.75
13. Extreme values
14. Highest frequency group
15. 21
16. Person part of group

17. 20
18. Study participants
19. Result varies with sample
20. Middle data value
21. 14.33
22. 24
23. Mode is most frequent
24. Whole as parts
25. Distribution plot
26. 9
27. Ratio to total
28. $1/6$
29. 0.5 probability
30. Average
31. 45
32. Box plot
33. 46
34. Variable statement
35. 16.66
36. 3
37. 2
38. Probability prime: $3/6$
39. 21
40. 25th percentile
41. 20.66
42. 14
43. Centre tendency
44. 21

45. $\frac{1}{4}$ or 25%
46. 11
47. Nonrandomness
48. Classification
49. Count frequency
50. Accumulated frequency
51. 22.75
52. 21
53. 6
54. 12
55. 3
56. Weighted average
57. Measure ranges
58. Half values
59. Outcomes ratio
60. 9.33
61. Most popular class
62. 15
63. $\frac{1}{6}$
64. 10
65. Spread range
66. Graph with number dots
67. 12.4
68. Number of values
69. $\frac{1}{13}$
70. 10.4
71. Discrete variable
72. Relationship

- 73. Total / data count
- 74. Max - min
- 75. Average of data
- 76. Mistake in sampling
- 77. 10
- 78. 11
- 79. $2/6$
- 80. 17
- 81. 23
- 82. 15
- 83. $1/3$
- 84. 12
- 85. 11
- 86. 9
- 87. 13
- 88. $10/3$
- 89. $1/36$
- 90. 9
- 91. Visual proportion
- 92. Middle value
- 93. 75th percentile
- 94. Most common number
- 95. Percentage height
- 96. Spread of data
- 97. Bar graph
- 98. 21
- 99. $1/4$
- 100. Max - min

Statistics - SET 4 Answers

1. 11
2. 36
3. 18.67
4. Class 2
5. 1 (certainty)
6. Two maximum modes
7. 18.67
8. 54
9. 4
10. Table of values
11. 22.6
12. $1/2$
13. Accumulated frequency
14. 15.5
15. 16
16. Class 2
17. 23
18. 25
19. People surveyed
20. Skewness in distribution
21. 15
22. 13
23. Most frequent value
24. Pie chart
25. Dot plot
26. 15

- 27. Percentage
- 28. $\frac{1}{6}$
- 29. $\frac{1}{6}$
- 30. Frequency count
- 31. 14.5
- 32. Graph for trends
- 33. 14
- 34. Estimate
- 35. 17
- 36. 22
- 37. Graph showing cumulated data
- 38. $\frac{1}{2}$
- 39. 21
- 40. 10
- 41. 22.7
- 42. 10
- 43. Middle statistic
- 44. 14
- 45. 15
- 46. Subset studied
- 47. Survey error
- 48. Qualitative data
- 49. Data frequency
- 50. Total frequency graph
- 51. 23
- 52. 21
- 53. 20
- 54. 11

55. Time progression graph

56. Weighted average

57. Variable in range

58. 0.5

59. 20

60. Data spread

61. Class with median

62. 15

63. Sum/count

64. 10

65. Data variability

66. Median group

67. 13.25

68. Probabilistic outcome

69. $1/13$

70. 15

71. Observation counts

72. Variable probability

73. Measure spread

74. 16

75. Average

76. Sampling error

77. 20

78. 14

79. 0.33

80. 17

81. 20

82. 13

- 83. 0.17
- 84. 13
- 85. Middle quartile
- 86. Most frequent
- 87. Parts of whole
- 88. Dataset collection
- 89. Interquartile range
- 90. Data visualization
- 91. 9
- 92. $2/7$
- 93. 43
- 94. 3 (value stem 3)
- 95. Mean < median
- 96. Possible value variable
- 97. Variable relationship
- 98. 14
- 99. $1/2$
- 100. 9

Statistics - SET 5 Answers

- 1. 3
- 2. 39
- 3. $1/2$
- 4. 6
- 5. 55
- 6. Class 2
- 7. 17.67
- 8. $1/3$

9. 13
10. 20
11. 102
12. 36
13. 20
14. 11.67
15. 16
16. 14
17. $1/13$
18. 11
19. 17
20. 14
21. 12.67
22. 12
23. 17
24. $1/5$
25. 8
26. 9
27. 45
28. 14
29. $1/6$
30. Summary chart
31. 20
32. 13.25
33. 15.7
34. 18
35. $3/8$
36. $1/3$

37. $\frac{1}{6}$

38. $\frac{1}{2}$

39. 21

40. 14

41. 20

42. 19

43. 14

44. 13

45. 21

46. 30

47. $\frac{1}{4}$

48. 14

49. 45

50. 11

51. 25

52. 19

53. 58

54. 14

55. 59

56. 11

57. $\frac{4}{7}$

58. 16

59. 21

60. 13

61. 21

62. 31

63. 8

64. 18

65. 45

66. 66

67. $\frac{1}{3}$

68. 15

69. 57

70. 7

71. 12

72. 24

73. 8

74. 22

75. 7

76. 29

77. $\frac{1}{4}$

78. 2

79. 15

80. 15

81. 16

82. 18

83. 23

84. 51

85. 11

86. 37

87. 17

88. 62

89. 10

90. 122

91. 15

92. 10

93. 13

94. 13

95. 5

96. 33

97. $\frac{3}{8}$

98. 18

99. 40

100. 25