THIRD SPACE
LEARNING

Mean Median Mode Worksheet

Statistics and Probability

Grades 6 to 8

Mean Median Mode Worksheet | Grades 6 to 8

Questions

Name: ....

Date: ....

1 Find the mode for the given data set: 8, 5, 8, 7, 6, 8, 4, 5.

Answer

2 Find the mean of the following numbers: 4, 6, 8, 10, 12.

Answer

3 Find the median for the data set: 7, 5, 6, 8, 9, 10, 11.

Answer

4 Identify the mode in this data set: 15, 12, 15, 10, 12, 18, 15.

Answer

5 Find the median for the numbers: 3, 6, 8, 5, 4.

Answer

6 Calculate the mean for the following data: 9, 10, 7, 8, 12, 14.

Answer

---

7 A survey recorded the favorite sports of 10 students:

Soccer: 4

Basketball: 3

Baseball: 2

Swimming: 1

Which sport is the mode?

Answer

---

8 The heights (in inches) of 6 friends are: 60, 62, 64, 66, 68, 70.

Describe the distribution.

Answer

---

9 A class collects data on the number of books read by students in a month: 2, 3, 3, 5, 8, 12.

What can you say about the spread of the data?

Answer

---

10 The test scores for a group of students are: 78, 85, 90, 95, 100.

What is the mean?

Describe its distribution.

Answer

Mean Median Mode Worksheet | Grades 6 to 8

11 The ages of 7 pets are: 2, 4, 4, 5, 5, 6, 7.

What is the mode?

Answer

---

12 A class recorded the daily temperatures in Fahrenheit over 5 days: 50, 52, 55, 53, 58. What is the mean and variability of the data?

Answer

---

13 Find the mean, median, and mode for the following data set: 8, 12, 8, 10, 6.

Answer

---

14 Calculate the mean absolute deviation for the data: 2, 4, 6, 8, 10.

Answer

---

15 Find the median and range for the data: 9, 3, 5, 7, 6, 8, 4.

Answer

---

16 The daily sales in a shop are: 200, 220, 210, 230, 250, 240. Find the mean and describe the pattern.

Answer

17 The table shows the number of hours students studied over a week: 2, 3, 3, 5, 7, 8, 4.
What is the interquartile range?

Answer

18 Analyze the distribution of test scores: 70, 80, 85, 90, 95, 100.
What is the mean absolute deviation?

Answer

19 The ages of employees in a company are: 25, 28, 32, 34, 30, 36.
Find the mean and range.

Answer

20 Calculate the mean, median, mode, and range for this data: 15, 18, 20, 15, 22, 25, 15.

Answer

Answers

Question number	Question	Answers	Standard
1	Find the mode for the given data set: 8, 5, 8, 7, 6, 8, 4, 5.	Mode = 8 (appears 3 times).	6.SP.A.3
2	Find the mean of the following numbers: 4, 6, 8, 10, 12.	Mean = (4 + 6 + 8 + 10 + 12) ÷ 5 = 40 ÷ 5 = 8.	6.SP.A.3
3	Find the median for the data set: 7, 5, 6, 8, 9, 10, 11.	Median = 8 (middle value when arranged: 5, 6, 7, 8, 9, 10, 11).	6.SP.A.3
4	Identify the mode in this data set: 15, 12, 15, 10, 12, 18, 15.	Mode = 15 (appears 3 times).	6.SP.A.3
5	Find the median for the numbers: 3, 6, 8, 5, 4.	Median = 5 (middle value when arranged: 3, 4, 5, 6, 8).	6.SP.A.3
6	Calculate the mean for the following data: 9, 10, 7, 8, 12, 14.	Mean = (9 + 10 + 7 + 8 + 12 + 14) ÷ 6 = 60 ÷ 6 = 10.	6.SP.A.3
7	A survey recorded the favorite sports of 10 students: Soccer: 4 Basketball: 3 Baseball: 2 Swimming: 1 Which sport is the mode?	Mode = Soccer (4 students chose Soccer).	6.SP.A.2
8	The heights (in inches) of 6 friends are: 60, 62, 64, 66, 68, 70. Describe the distribution.	The data is evenly spaced with a mean of 65 and no striking deviations.	6.SP.A.2

Question number	Question	Answers	Standard
9	A class collects data on the number of books read by students in a month: 2, 3, 3, 5, 8, 12. What can you say about the spread of the data?	The data shows variability, ranging from 2 to 12 books, with a center around 4.	6.SP.A.2
10	The test scores for a group of students are: 78, 85, 90, 95, 100. What is the mean? Describe its distribution.	Mean = 89.6. The data is slightly skewed right, with no extreme outliers.	6.SP.A.2
11	The ages of 7 pets are: 2, 4, 4, 5, 5, 6, 7. What is the mode?	Mode = 4 and 5 (both appear twice).	6.SP.A.2
12	A class recorded the daily temperatures in Fahrenheit over 5 days: 50, 52, 55, 53, 58. What is the mean and variability of the data?	Mean = 53.6. The data varies by about 8 (range: 58 - 50).	6.SP.A.2
13	Find the mean, median, and mode for the following data set: 8, 12, 8, 10, 6.	Mean = 8.8, Median = 8, Mode = 8.	6.SP.B.5c
14	Calculate the mean absolute deviation for the data: 2, 4, 6, 8, 10.	Mean = 6; Deviations: 4, 2, 0, 2, 4. MAD = (4+2+0+2+4) ÷ 5 = 12 ÷ 5 = 2.4.	6.SP.B.5c
15	Find the median and range for the data: 9, 3, 5, 7, 6, 8, 4.	Median = 6 (middle when arranged); Range = 9 - 3 = 6.	6.SP.B.5c
16	The daily sales in a shop are: 200, 220, 210, 230, 250, 240. Find the mean and describe the pattern.	Mean = 225. The data is evenly spread, increasing slightly over time.	6.SP.B.5c

Mean Median Mode Worksheet | Grades 6 to 8 | Answers

Question number	Question	Answers	Standard
17	The table shows the number of hours students studied over a week: 2, 3, 3, 5, 7, 8, 4. What is the interquartile range?	Arrange: 2, 3, 3, 4, 5, 7, 8. Q1 = 3, Q3 = 7; IQR = 7 - 3 = 4.	6.SP.B.5c
18	Analyze the distribution of test scores: 70, 80, 85, 90, 95, 100. What is the mean absolute deviation?	Mean = 86.7; Deviations = 16.7, 6.7, 1.7, 3.3, 8.3, 13.3. MAD = 8.3.	6.SP.B.5c
19	The ages of employees in a company are: 25, 28, 32, 34, 30, 36. Find the mean and range.	Mean = 30.8, Range = 36 - 25 = 11.	6.SP.B.5c
20	Calculate the mean, median, mode, and range for this data: 15, 18, 20, 15, 22, 25, 15.	Mean = 18.6, Median = 18, Mode = 15, Range = 25 - 15 = 10.	6.SP.B.5c

Do you have a group of students who need a boost in math?

Each student could receive a personalized lesson every week from our specialist one-on-one math tutors.

- ✓ Differentiated instruction for each student
- ✓ Aligned to your state's standard
- ✓ Scaffolded learning to close gaps

Speak to us

🖥 thirdspacelearning.com/us/

📞 (929) 298-4593

✉ hello@thirdspacelearning.com

THIRD SPACE LEARNING