

Find the mean, the median, and mode of the data set:

1. 25, 20, 8, 28, 24, 6, 29, 19, 21

[A] $\bar{x} = 21$; 20; no mode

[B] $\bar{x} = 20$; 21; no mode

[C] $\bar{x} = 21$; 20; 21

[D] $\bar{x} = 20$; 21; 21

2. 17, 4, 19, 21, 18, 5, 8, 20, 23

[A] $\bar{x} = 18$; 15; no mode

[B] $\bar{x} = 15$; 18; no mode

[C] $\bar{x} = 15$; 18; 17

[D] $\bar{x} = 18$; 15; 17

3. 6, 11, 18, 20, 7, 16, 17, 23, 17

[A] $\bar{x} = 17$; 15; 17

[B] $\bar{x} = 17$; 15; no mode

[C] $\bar{x} = 15$; 17; no mode

[D] $\bar{x} = 15$; 17; 17

4. 16, 18, 17, 4, 9, 5, 14, 15, 19

[A] $\bar{x} = 15$; 13; no mode

[B] $\bar{x} = 13$; 15; no mode

[C] $\bar{x} = 13$; 15; 14

[D] $\bar{x} = 15$; 13; 14

5. 19, 21, 6, 7, 20, 14, 24, 16, 8

[A] $\bar{x} = 15$; 16; 16

[B] $\bar{x} = 16$; 15; no mode

[C] $\bar{x} = 16$; 15; 16

[D] $\bar{x} = 15$; 16; no mode

6. 18, 6, 23, 26, 18, 8, 24, 19, 20

[A] $\bar{x} = 19$; 18; 18 [B] $\bar{x} = 19$; 18; 19 [C] $\bar{x} = 18$; 19; 19 [D] $\bar{x} = 18$; 19; 18

7. 7, 4, 18, 20, 18, 14, 23, 24, 16

[A] $\bar{x} = 16$; 18; 18

[B] $\bar{x} = 18$; 16; no mode

[C] $\bar{x} = 16$; 18; no mode

[D] $\bar{x} = 18$; 16; 18

8. 24, 28, 14, 5, 20, 18, 4, 27, 22

[A] $\bar{x} = 20$; 18; no mode

[B] $\bar{x} = 18$; 20; 19

[C] $\bar{x} = 18$; 20; no mode

[D] $\bar{x} = 20$; 18; 19

Find the mean, the median, and mode of the data set:

9. 9, 18, 23, 16, 20, 4, 25, 14, 6

[A] $\bar{x} = 15$; 16; no mode

[B] $\bar{x} = 16$; 15; no mode

[C] $\bar{x} = 15$; 16; 16

[D] $\bar{x} = 16$; 15; 16

10. 7, 25, 30, 20, 16, 22, 28, 18, 5

[A] $\bar{x} = 19$; 20; 20

[B] $\bar{x} = 20$; 19; 20

[C] $\bar{x} = 20$; 19; no mode

[D] $\bar{x} = 19$; 20; no mode

11. The depth of snow at seven different mountain lodges is 17 in., 19 in., 26 in., 22 in., 91 in., 17 in., and 25 in. Find the mean, median, and mode. Tell which measure is the most useful for predicting how deep the snow will be at an eighth lodge.

[A] $\bar{x} = 31$ in.; 22 in.; 17 in.

[B] $\bar{x} = 22$ in.; 31 in.; 17 in.

The mean is the most useful.

The median is the most useful.

[C] $\bar{x} = 22$ in.; 31 in.; 17 in.

[D] $\bar{x} = 31$ in.; 22 in.; 17 in.

The mean is the most useful.

The median is the most useful.

12. The depth of snow at seven different mountain lodges is 13 in., 16 in., 22 in., 17 in., 90 in., 13 in., and 19 in. Find the mean, median, and mode. Tell which measure is the most useful for predicting how deep the snow will be at an eighth lodge.

[A] $\bar{x} = 17$ in.; 27.1 in.; 13 in.

[B] $\bar{x} = 27.1$ in.; 17 in.; 13 in.

The median is the most useful.

The median is the most useful.

[C] $\bar{x} = 17$ in.; 27.1 in.; 13 in.

[D] $\bar{x} = 27.1$ in.; 17 in.; 13 in.

The mean is the most useful.

The mean is the most useful.

13. The depth of snow at seven different mountain lodges is 13 in., 15 in., 21 in., 17 in., 87 in., 13 in., and 19 in. Find the mean, median, and mode. Tell which measure is the most useful for predicting how deep the snow will be at an eighth lodge.

[A] $\bar{x} = 26.4$ in.; 17 in.; 13 in.

[B] $\bar{x} = 17$ in.; 26.4 in.; 13 in.

The median is the most useful.

The mean is the most useful.

[C] $\bar{x} = 26.4$ in.; 17 in.; 13 in.

[D] $\bar{x} = 17$ in.; 26.4 in.; 13 in.

The mean is the most useful.

The median is the most useful.

14. The depth of snow at seven different mountain lodges is 17 in., 20 in., 26 in., 21 in., 92 in., 17 in., and 23 in. Find the mean, median, and mode. Tell which measure is the most useful for predicting how deep the snow will be at an eighth lodge.
- [A] $\bar{x} = 21$ in.; 30.9 in.; 17 in.
The median is the most useful.
- [B] $\bar{x} = 30.9$ in.; 21 in.; 17 in.
The median is the most useful.
- [C] $\bar{x} = 21$ in.; 30.9 in.; 17 in.
The mean is the most useful.
- [D] $\bar{x} = 30.9$ in.; 21 in.; 17 in.
The mean is the most useful.
15. The depth of snow at seven different mountain lodges is 15 in., 17 in., 23 in., 19 in., 94 in., 15 in., and 21 in. Find the mean, median, and mode. Tell which measure is the most useful for predicting how deep the snow will be at an eighth lodge.
- [A] $\bar{x} = 29.1$ in.; 19 in.; 15 in.
The mean is the most useful.
- [B] $\bar{x} = 19$ in.; 29.1 in.; 15 in.
The median is the most useful.
- [C] $\bar{x} = 19$ in.; 29.1 in.; 15 in.
The mean is the most useful.
- [D] $\bar{x} = 29.1$ in.; 19 in.; 15 in.
The median is the most useful.
16. The depth of snow at seven different mountain lodges is 15 in., 18 in., 26 in., 21 in., 88 in., 15 in., and 27 in. Find the mean, median, and mode. Tell which measure is the most useful for predicting how deep the snow will be at an eighth lodge.
- [A] $\bar{x} = 30$ in.; 21 in.; 15 in.
The median is the most useful.
- [B] $\bar{x} = 30$ in.; 21 in.; 15 in.
The mean is the most useful.
- [C] $\bar{x} = 21$ in.; 30 in.; 15 in.
The median is the most useful.
- [D] $\bar{x} = 21$ in.; 30 in.; 15 in.
The mean is the most useful.
17. The depth of snow at seven different mountain lodges is 12 in., 15 in., 22 in., 17 in., 96 in., 12 in., and 21 in. Find the mean, median, and mode. Tell which measure is the most useful for predicting how deep the snow will be at an eighth lodge.
- [A] $\bar{x} = 17$ in.; 27.9 in.; 12 in.
The mean is the most useful.
- [B] $\bar{x} = 17$ in.; 27.9 in.; 12 in.
The median is the most useful.
- [C] $\bar{x} = 27.9$ in.; 17 in.; 12 in.
The median is the most useful.
- [D] $\bar{x} = 27.9$ in.; 17 in.; 12 in.
The mean is the most useful.

18. The depth of snow at seven different mountain lodges is 18 in., 20 in., 27 in., 23 in., 89 in., 18 in., and 26 in. Find the mean, median, and mode. Tell which measure is the most useful for predicting how deep the snow will be at an eighth lodge.
- [A] $\bar{x} = 31.6$ in.; 23 in.; 18 in. [B] $\bar{x} = 31.6$ in.; 23 in.; 18 in.
 The median is the most useful. The mean is the most useful.
- [C] $\bar{x} = 23$ in.; 31.6 in.; 18 in. [D] $\bar{x} = 23$ in.; 31.6 in.; 18 in.
 The mean is the most useful. The median is the most useful.
19. The depth of snow at seven different mountain lodges is 14 in., 16 in., 21 in., 17 in., 98 in., 14 in., and 18 in. Find the mean, median, and mode. Tell which measure is the most useful for predicting how deep the snow will be at an eighth lodge.
- [A] $\bar{x} = 17$ in.; 28.3 in.; 14 in. [B] $\bar{x} = 28.3$ in.; 17 in.; 14 in.
 The mean is the most useful. The mean is the most useful.
- [C] $\bar{x} = 28.3$ in.; 17 in.; 14 in. [D] $\bar{x} = 17$ in.; 28.3 in.; 14 in.
 The median is the most useful. The median is the most useful.
20. The depth of snow at seven different mountain lodges is 15 in., 18 in., 25 in., 20 in., 85 in., 15 in., and 24 in. Find the mean, median, and mode. Tell which measure is the most useful for predicting how deep the snow will be at an eighth lodge.
- [A] $\bar{x} = 28.9$ in.; 20 in.; 15 in. [B] $\bar{x} = 28.9$ in.; 20 in.; 15 in.
 The median is the most useful. The mean is the most useful.
- [C] $\bar{x} = 20$ in.; 28.9 in.; 15 in. [D] $\bar{x} = 20$ in.; 28.9 in.; 15 in.
 The median is the most useful. The mean is the most useful.
21. The number of patients treated in a dental office each day was recorded for 8 days. Find the mean, median, and mode for this set of numbers.
 8, 10, 17, 24, 12, 10, 10, 23
22. The number of patients treated in a dental office each day was recorded for 10 days. Find the mean, median, and mode for this set of numbers.
 10, 26, 21, 29, 35, 29, 12, 29, 29, 15
23. The number of patients treated in a dental office each day was recorded for 11 days. Find the mean, median, and mode for this set of numbers.
 1, 28, 17, 20, 17, 26, 17, 16, 21, 22, 24

24. The number of patients treated in a dental office each day was recorded for 9 days. Find the mean, median, and mode for this set of numbers.
9, 30, 19, 29, 19, 30, 30, 30, 14
25. The number of patients treated in a dental office each day was recorded for 11 days. Find the mean, median, and mode for this set of numbers.
2, 28, 10, 29, 30, 18, 28, 23, 28, 13, 22
26. The number of patients treated in a dental office each day was recorded for 8 days. Find the mean, median, and mode for this set of numbers.
8, 16, 20, 24, 30, 17, 27, 24
27. The number of patients treated in a dental office each day was recorded for 10 days. Find the mean, median, and mode for this set of numbers.
10, 21, 20, 17, 24, 29, 23, 17, 28, 18
28. The number of patients treated in a dental office each day was recorded for 8 days. Find the mean, median, and mode for this set of numbers.
8, 10, 10, 13, 30, 22, 29, 10
29. The number of patients treated in a dental office each day was recorded for 11 days. Find the mean, median, and mode for this set of numbers.
3, 14, 22, 13, 22, 19, 16, 10, 22, 22, 24
30. The number of patients treated in a dental office each day was recorded for 10 days. Find the mean, median, and mode for this set of numbers.
7, 23, 22, 12, 22, 30, 12, 18, 12, 21
31. Leslie recorded the weights of the first ten fish she caught and then released at Hag Lake this season. The weights were 5 lb, 3 lb, 6 lb, 2 lb, 4 lb, 1 lb, 3 lb, 2 lb, 22 lb, and 2 lb. Leslie wants to know what weight of fish she caught the most often. Find the mean, median, and mode. Tell which measure is most useful for Leslie.
32. Pat recorded the weights of the first ten fish she caught and then released at Hag Lake this season. The weights were 6 lb, 4 lb, 7 lb, 3 lb, 5 lb, 2 lb, 4 lb, 3 lb, 23 lb, and 3 lb. Pat wants to predict how big the next fish she catches will be. Find the mean, median, and mode. Tell which measure is most useful for Pat.

33. Leslie recorded the weights of the first ten fish she caught and then released at Hag Lake this season. The weights were 7 lb, 5 lb, 8 lb, 4 lb, 6 lb, 3 lb, 5 lb, 4 lb, 22 lb, and 4 lb. Leslie wants to predict how big the next fish she catches will be. Find the mean, median, and mode. Tell which measure is most useful for Leslie.
34. Chris recorded the weights of the first ten fish he caught and then released at Hag Lake this season. The weights were 6 lb, 4 lb, 7 lb, 3 lb, 5 lb, 2 lb, 4 lb, 3 lb, 20 lb, and 3 lb. Chris wants to know what weight of fish he caught the most often. Find the mean, median, and mode. Tell which measure is most useful for Chris.
35. Terry recorded the weights of the first ten fish he caught and then released at Hag Lake this season. The weights were 9 lb, 7 lb, 10 lb, 7 lb, 8 lb, 6 lb, 8 lb, 7 lb, 19 lb, and 7 lb. Terry wants to predict how big the next fish he catches will be. Find the mean, median, and mode. Tell which measure is most useful for Terry.
36. Leslie recorded the weights of the first ten fish she caught and then released at Hag Lake this season. The weights were 8 lb, 5 lb, 10 lb, 5 lb, 6 lb, 4 lb, 7 lb, 5 lb, 23 lb, and 5 lb. Leslie wants to know what weight of fish she caught the most often. Find the mean, median, and mode. Tell which measure is most useful for Leslie.
37. Pat recorded the weights of the first ten fish she caught and then released at Hag Lake this season. The weights were 7 lb, 5 lb, 8 lb, 4 lb, 6 lb, 3 lb, 5 lb, 4 lb, 20 lb, and 4 lb. Pat wants to predict how big the next fish she catches will be. Find the mean, median, and mode. Tell which measure is most useful for Pat.
38. Terry recorded the weights of the first ten fish he caught and then released at Hag Lake this season. The weights were 6 lb, 4 lb, 7 lb, 3 lb, 5 lb, 2 lb, 4 lb, 3 lb, 19 lb, and 3 lb. Terry wants to know what weight of fish he caught the most often. Find the mean, median, and mode. Tell which measure is most useful for Terry.
39. Chris recorded the weights of the first ten fish he caught and then released at Hag Lake this season. The weights were 7 lb, 5 lb, 8 lb, 4 lb, 6 lb, 3 lb, 5 lb, 4 lb, 20 lb, and 4 lb. Chris wants to predict how big the next fish he catches will be. Find the mean, median, and mode. Tell which measure is most useful for Chris.
40. Leslie recorded the weights of the first ten fish she caught and then released at Hag Lake this season. The weights were 6 lb, 4 lb, 7 lb, 3 lb, 5 lb, 2 lb, 4 lb, 3 lb, 21 lb, and 3 lb. Leslie wants to know what weight of fish she caught the most often. Find the mean, median, and mode. Tell which measure is most useful for Leslie.