

Name: _____ Date: _____ Period: _____

Mean, Median, and Mode — Practice Worksheet

Instructions: Find the mean, median, and mode for each data set. For word problems, show all work clearly. Round answers to one decimal place when necessary.

1. Find the mean, median, and mode of the following data set:
4, 7, 8, 8, 10, 12, 15

2. Find the mean, median, and mode of the following data set:
2, 3, 5, 5, 5, 9, 11, 13

3. The test scores for a class of 8 students are:
72, 85, 91, 85, 68, 74, 85, 90
Find the mean, median, and mode of these scores.

4. A basketball player scored the following points in 6 games:
12, 15, 20, 12, 18, 13
Find the mean, median, and mode.

5. Find the mean, median, and mode of the following data set:
1, 1, 2, 3, 4, 5, 5, 5, 6, 7

6. The ages (in years) of 7 people in a room are:
22, 25, 22, 30, 22, 28, 35
Find the mean, median, and mode.

7. Find the mean, median, and mode of the following data set:
100, 102, 104, 104, 106, 108, 110

8. The number of books read by 5 students over summer break:
3, 7, 2, 8, 5
Find the mean, median, and mode.

9. Find the mean, median, and mode of the following data set:
0, 0, 1, 2, 2, 2, 3, 4, 5

10. The daily high temperatures (in $^{\circ}\text{F}$) for one week were:
68, 72, 75, 68, 70, 74, 68
Find the mean, median, and mode.

Answer Key

1. Data: 4, 7, 8, 8, 10, 12, 15
Mean: $\frac{4+7+8+8+10+12+15}{7} = \frac{64}{7} \approx 9.1$
Median: 8 (4th value)
Mode: 8
2. Data: 2, 3, 5, 5, 5, 9, 11, 13
Mean: $\frac{2+3+5+5+5+9+11+13}{8} = \frac{53}{8} = 6.625 \approx 6.6$
Median: $\frac{5+5}{2} = 5$
Mode: 5
3. Data: 68, 72, 74, 85, 85, 85, 90, 91 (sorted)
Mean: $\frac{72+85+91+85+68+74+85+90}{8} = \frac{650}{8} = 81.25 \approx 81.3$
Median: $\frac{85+85}{2} = 85$
Mode: 85
4. Data: 12, 12, 13, 15, 18, 20 (sorted)
Mean: $\frac{12+15+20+12+18+13}{6} = \frac{90}{6} = 15$
Median: $\frac{13+15}{2} = 14$
Mode: 12
5. Data: 1, 1, 2, 3, 4, 5, 5, 5, 6, 7
Mean: $\frac{1+1+2+3+4+5+5+5+6+7}{10} = \frac{39}{10} = 3.9$
Median: $\frac{4+5}{2} = 4.5$
Mode: 5
6. Data: 22, 22, 22, 25, 28, 30, 35 (sorted)
Mean: $\frac{22+25+22+30+22+28+35}{7} = \frac{184}{7} \approx 26.3$
Median: 25 (4th value)
Mode: 22
7. Data: 100, 102, 104, 104, 106, 108, 110
Mean: $\frac{100+102+104+104+106+108+110}{7} = \frac{734}{7} \approx 104.9$
Median: 104 (4th value)
Mode: 104
8. Data: 2, 3, 5, 7, 8 (sorted)
Mean: $\frac{3+7+2+8+5}{5} = \frac{25}{5} = 5$
Median: 5 (3rd value)
Mode: No mode (all values appear once)
9. Data: 0, 0, 1, 2, 2, 2, 3, 4, 5
Mean: $\frac{0+0+1+2+2+2+3+4+5}{9} = \frac{19}{9} \approx 2.1$
Median: 2 (5th value)
Mode: 2
10. Data: 68, 68, 68, 70, 72, 74, 75 (sorted)
Mean: $\frac{68+72+75+68+70+74+68}{7} = \frac{495}{7} \approx 70.7$
Median: 70 (4th value)
Mode: 68