

Finding the Mean (or Average) - Set 1

A-MMM 1

Instructions: Find the Mean (or Average) of each set of numbers below. (Note: the numbers are inside curly-brackets { } to show that they form a set.)

1 {2, 3, 7}

First add all
the numbers.

$$\begin{array}{r} 2 \\ 3 \\ + 7 \\ \hline 12 \end{array}$$

Then divide the total by how
many numbers were added.

$$\begin{array}{r} \textcircled{4} \\ 3 \overline{)12} \\ \underline{-12} \\ 0 \end{array}$$

2 {6, 1, 2}

3 {8, 10}

4 {2, 4, 6, 8}

5 {5, 5, 8}

6 {20, 12}

7 {0, 1, 5, 10}

8 {1, 1, 2, 3, 8}

Finding the Mean (or Average) - Set 2

A-MMM 2

Instructions: Find the Mean (or Average) of each set of numbers below. You can use a calculator to do the addition and division for these problems if you want to.



1 {5, 0, 4, 10}

2 {1, 2}

$$\begin{array}{r} 10 \\ 5 \\ 4 \\ + 0 \\ \hline 19 \end{array} \quad \begin{array}{r} 4 \overline{)19} \\ \underline{4} \\ 19 \\ \underline{4} \\ 15 \\ \underline{4} \\ 11 \\ \underline{4} \\ 7 \\ \underline{4} \\ 3 \end{array}$$

3 {15, 8, 19}

4 {5, 7, 7, 10}

5 {14, 15}

6 {3, 12, 9, 16, 10}

7 {9, 4, 11, 14}

8 {2, 20}

Finding the Median - Set 1

A-MMM 3

Instructions: Find the Median of each set below. Remember, the members must be in order and if there's an even number of members, the Median is the Mean of the middle two members.

1 {5, 1, 0, 3, 8} *odd*

First make sure the set is in order.

$$\{0, 1, \textcircled{3}, 5, 8\}$$

Then choose the middle member.

2 {6, 2, 7, 1} *even*

First make sure the set is in order.

$$\{1, \textcircled{2}, \textcircled{6}, 7\}$$

The Median is the Mean of the middle two.

$$\text{Median} = \frac{2 + 6}{2} = \textcircled{4}$$

3 {12, 9, 10}

4 {6, 1, 10, 7, 4, 2}

5 {1, 2, 3, 4, 5, 6, 7}

6 {1, 2, 3, 4, 5, 6}

7 {4, 0, 2, 0, 2, 1, 3}

8 {0, 1, 2, 2, 5, 8}

Finding the Median - Set 2

A-MMM 4

Instructions: Find the Median of each set below. Remember, the members must be in order and if there's an even number of members, the Median is the Mean of the middle two members.

1 {7, 0, 2.5, 4, 15}

2 {25, 22, 21, 23, 24}

First make sure the set is in order.

{0, 2.5, 4, 7, 15}

Then choose the middle member.

3 {30, 31}

4 {80, 20, 70, 30}

5 {1, 1, 4, 5, 2, 1, 2, 3, 5}

6 {20, 500, 100}

7 {2.5, 1.5, 6.0, 1.1}

8 {0, 1, 0}

Finding the Mode

A-MMM 5

Instructions: Find the Mode of each set below. Remember, there may not be a Mode, or there may be more than one Mode. (Note: You can re-order the sets to make finding the Mode easier.)

1 {5, 2, 1, 5, 7, 3, 4, 6}

{1, 2, 3, 4, 5, 5, 6, 7}

↑
The Mode is 5 because it is repeated most often.

2 {8, 0, 0, 2, 4, 8, 10}

{0, 0, 2, 4, 8, 8, 10}

↑ ↑
Both 0 and 8 are Modes

3 {5, 1, 2, 5, 1, 5, 5}

4 {15, 5, 30, 60, 25}

5 {0, 1, 5, 1, 8, 3, 3, 9}

6 {0, 0, 1, 1, 2, 2, 3, 3}

7 {12, 10, 15, 12, 18}

8 {7, 9, 7, 4, 4, 3, 3, 4}

9 {1, 0, 1, 0, 1, 0}

10 {0, 1, 2, 3, 3, 3, 4, 4, 4}

Mean, Median and Mode - Mixed Practice Set 1

Instructions: Try to remember which is which! :)

1 Find the Median of this set:
{4, 10, 19, 20, 30, 42, 50}

2 Find the Mean of this set:
{20, 15, 30, 35}

3 Find the Mode of this set:
{7, 8, 8, 9, 8, 9, 7, 6}

4 Find the Mean of this set:
{100, 200}

5 Find the Median of this set:
{5, 1.7, 22, 9, 30.5}

6 Find the Mode of this set:
{6, 3, 4, 2, 8, 7, 5, 9, 2, 4}

7 Find the Mean of this set:
{0, 0, 1, 5, 9, }

8 Find the Median of this set:
{2, 4, 8, 10}

9 Find the Mode of this set:
{12, 5, 7, 3, 0, 1, 9}

10 Find the Mean of this set:
{1.5, 5.0, 2.5}

Mean, Median and Mode Word Problems

A-MMM 7

Instructions: Find the Mean, Median and Mode in each problem below. Please use a calculator for the computations.



- 1** A musician practiced piano for five days and recorded the time spent each day. Find the Mean, Median and Mode.

Practice Time (min.)				
30	15	30	20	45

Mean _____

Median _____

Mode _____

- 2** During a seven day winter storm, snow fall levels were recorded in this table. Find the mean, median and Mode.

Snow Fall (in.)						
2.5	1.2	0.0	3.9	1.0	2.5	1.5

Mean _____

Median _____

Mode _____

- 3** A Track and Field athlete was practicing Long Jump and recorded the following scores. Find the Mean, Median and Mode of the distances jumped.

Distances Jumped (m)					
7.10	6.85	7.25	7.35	6.90	6.85

Mean _____

Median _____

Mode _____

- 4** A gamer bought four video games and listed their prices in the table below. Find the Mean, Median and Mode of the price list.

Price of Each Game			
\$14.99	\$1.99	\$24.99	\$5.99

Mean _____

Median _____

Mode _____