

Find the mean of each dataset. Round to the nearest tenth.

	mean
1. 9, 9, 8, 10, 12, 6	9
2. 3, 11, 5, 8, 7, 2, 3, 9	6
3. 2, 5, 8, 6, 5, 4	5
4. 11, 11, 6, 3, 7, 8, 7, 7, 12	8
5. 11, 5, 11, 7, 8, 6, 3, 5, 7	7
6. 12, 9, 10, 5, 11, 4, 6, 3, 3	7
7. 2, 3, 11, 5, 4, 5	5
8. 12, 8, 12, 3, 8, 4, 7, 10	8
9. 12, 3, 3, 10, 2	6
10. 11, 10, 11, 8, 3, 3, 3	7
11. 2, 5, 12, 12, 3, 8, 6, 7, 8	7
12. 5, 11, 12, 12, 3, 10, 7, 4	8

Solution Steps

$$^1) 9, 9, 8, 10, 12, 6$$

To find the mean, first add all the numbers together:

$$9 + 9 + 8 + 10 + 12 + 6 = 54$$

There are six numbers in the list 9, 9, 8, 10, 12 and 6 so we divide by six:

$$\frac{54}{6} = 9$$

The mean of the set is 9

$$^2) 3, 11, 5, 8, 7, 2, 3, 9$$

To find the mean, first add all the numbers together:

$$3 + 11 + 5 + 8 + 7 + 2 + 3 + 9 = 48$$

There are eight numbers in the list 3, 11, 5, 8, 7, 2, 3 and 9 so we divide by eight:

$$\frac{48}{8} = 6$$

The mean of the set is 6

$$^3) 2, 5, 8, 6, 5, 4$$

To find the mean, first add all the numbers together:

$$2 + 5 + 8 + 6 + 5 + 4 = 30$$

There are six numbers in the list 2, 5, 8, 6, 5 and 4 so we divide by six:

$$\frac{30}{6} = 5$$

The mean of the set is 5

$$^4) 11, 11, 6, 3, 7, 8, 7, 7, 12$$

To find the mean, first add all the numbers together:

$$11 + 11 + 6 + 3 + 7 + 8 + 7 + 7 + 12 = 72$$

There are nine numbers in the list 11, 11, 6, 3, 7, 8, 7, 7 and 12 so we divide by nine:

$$\frac{72}{9} = 8$$

The mean of the set is 8

$$^5) 11, 5, 11, 7, 8, 6, 3, 5, 7$$

To find the mean, first add all the numbers together:

$$11 + 5 + 11 + 7 + 8 + 6 + 3 + 5 + 7 = 63$$

There are nine numbers in the list 11, 5, 11, 7, 8, 6, 3, 5 and 7 so we divide by nine:

$$\frac{63}{9} = 7$$

The mean of the set is 7

$$^6) 12, 9, 10, 5, 11, 4, 6, 3, 3$$

To find the mean, first add all the numbers together:

$$12 + 9 + 10 + 5 + 11 + 4 + 6 + 3 + 3 = 63$$

There are nine numbers in the list 12, 9, 10, 5, 11, 4, 6, 3 and 3 so we divide by nine:

$$\frac{63}{9} = 7$$

The mean of the set is 7

$$^7) 2, 3, 11, 5, 4, 5$$

To find the mean, first add all the numbers together:

$$2 + 3 + 11 + 5 + 4 + 5 = 30$$

There are six numbers in the list 2, 3, 11, 5, 4 and 5 so we divide by six:

$$\frac{30}{6} = 5$$

The mean of the set is 5

$$^8) 12, 8, 12, 3, 8, 4, 7, 10$$

To find the mean, first add all the numbers together:

$$12 + 8 + 12 + 3 + 8 + 4 + 7 + 10 = 64$$

There are eight numbers in the list 12, 8, 12, 3, 8, 4, 7 and 10 so we divide by eight:

$$\frac{64}{8} = 8$$

The mean of the set is 8

$$^9) 12, 3, 3, 10, 2$$

To find the mean, first add all the numbers together:

$$12 + 3 + 3 + 10 + 2 = 30$$

There are five numbers in the list 12, 3, 3, 10 and 2 so we divide by five:

$$\frac{30}{5} = 6$$

The mean of the set is 6

$$^{10)} 11, 10, 11, 8, 3, 3, 3$$

To find the mean, first add all the numbers together:

$$11 + 10 + 11 + 8 + 3 + 3 + 3 = 49$$

There are seven numbers in the list 11, 10, 11, 8, 3, 3 and 3 so we divide by seven:

$$\frac{49}{7} = 7$$

The mean of the set is 7

$$^{11)} 2, 5, 12, 12, 3, 8, 6, 7, 8$$

To find the mean, first add all the numbers together:

$$2 + 5 + 12 + 12 + 3 + 8 + 6 + 7 + 8 = 63$$

There are nine numbers in the list 2, 5, 12, 12, 3, 8, 6, 7 and 8 so we divide by nine:

$$\frac{63}{9} = 7$$

The mean of the set is 7

$$^{12)} 5, 11, 12, 12, 3, 10, 7, 4$$

To find the mean, first add all the numbers together:

$$5 + 11 + 12 + 12 + 3 + 10 + 7 + 4 = 64$$

There are eight numbers in the list 5, 11, 12, 12, 3, 10, 7 and 4 so we divide by eight:

$$\frac{64}{8} = 8$$

The mean of the set is 8