



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

1. 7, 10, 2, 2, 5, 4

mean

5

2. 3, 3, 6, 6, 11, 7

6

3. 3, 7, 5, 10, 10

7

4. 11, 10, 12, 6, 10, 5

9

5. 2, 4, 3, 9, 3, 3, 11

5

6. 7, 9, 9, 8, 7, 12, 2, 12, 6

8

7. 3, 10, 9, 2, 6

6

8. 5, 2, 10, 11, 12

8

9. 7, 12, 11, 8, 12

10

10. 4, 1, 10, 5, 12, 6, 10, 7, 8

7

11. 10, 2, 12, 9, 3, 7, 11, 9, 9

8

12. 12, 3, 5, 10, 5

7

**Solution Steps**

$$^1) 7, 10, 2, 2, 5, 4$$

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

$$7 + 10 + 2 + 2 + 5 + 4 = 30$$

There are six numbers in the list 7, 10, 2, 2, 5 and 4 so we divide by six:

$$30$$

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

The mean of the set is 5

$$^2) 3, 3, 6, 6, 11, 7$$

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

$$3 + 3 + 6 + 6 + 11 + 7 = 36$$

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

$$36$$

$$\frac{36}{6} = 6$$

The mean of the set is 6

$$^3) 3, 7, 5, 10, 10$$

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

$$3 + 7 + 5 + 10 + 10 = 35$$

There are five numbers in the list 3, 7, 5, 10 and 10 so we divide by five:

$$35$$

$$\frac{35}{5} = 7$$

The mean of the set is 7

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

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

$$11 + 10 + 12 + 6 + 10 + 5 = 54$$

There are six numbers in the list 11, 10, 12, 6, 10 and 5 so we divide by six:

$$54$$

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

The mean of the set is 9

$$^5) 2, 4, 3, 9, 3, 3, 11$$

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

$$2 + 4 + 3 + 9 + 3 + 3 + 11 = 35$$

There are seven numbers in the list 2, 4, 3, 9, 3, 3 and 11 so we divide by seven:

$$\frac{35}{7} = 5$$

The mean of the set is 5

$$^6) 7, 9, 9, 8, 7, 12, 2, 12, 6$$

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

$$7 + 9 + 9 + 8 + 7 + 12 + 2 + 12 + 6 = 72$$

There are nine numbers in the list 7, 9, 9, 8, 7, 12, 2, 12 and 6 so we divide by nine:

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

The mean of the set is 8

$$^7) 3, 10, 9, 2, 6$$

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

$$3 + 10 + 9 + 2 + 6 = 30$$

There are five numbers in the list 3, 10, 9, 2 and 6 so we divide by five:

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

The mean of the set is 6

$$^8) 5, 2, 10, 11, 12$$

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

$$5 + 2 + 10 + 11 + 12 = 40$$

There are five numbers in the list 5, 2, 10, 11 and 12 so we divide by five:

$$\frac{40}{5} = 8$$

The mean of the set is 8

$$^9) 7, 12, 11, 8, 12$$

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

$$7 + 12 + 11 + 8 + 12 = 50$$

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

$$\frac{50}{5} = 10$$

The mean of the set is 10

$$^{10)} 4, 1, 10, 5, 12, 6, 10, 7, 8$$

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

$$4 + 1 + 10 + 5 + 12 + 6 + 10 + 7 + 8 = 63$$

There are nine numbers in the list 4, 1, 10, 5, 12, 6, 10, 7 and 8 so we divide by nine:

$$63$$

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

The mean of the set is 7

$$^{11)} 10, 2, 12, 9, 3, 7, 11, 9, 9$$

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

$$10 + 2 + 12 + 9 + 3 + 7 + 11 + 9 + 9 = 72$$

There are nine numbers in the list 10, 2, 12, 9, 3, 7, 11, 9 and 9 so we divide by nine:

$$72$$

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

The mean of the set is 8

$$^{12)} 12, 3, 5, 10, 5$$

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

$$12 + 3 + 5 + 10 + 5 = 35$$

There are five numbers in the list 12, 3, 5, 10 and 5 so we divide by five:

$$35$$

$$\frac{35}{5} = 7$$

The mean of the set is 7