

Challenge 1

→ Practice Problems

Complete the following problems.

1. What is the mean of the following numbers?
12, 37, 72, 38, 76, 35, 28
 - a. 42
 - b. 39
 - c. 42.5
 - d. 35.5
2. What number would you divide by to calculate the mean of 3, 4, 2, 7, and 6?
 - a. 6
 - b. 3
 - c. 5
 - d. 4
3. What measure of central tendency is calculated by adding all the values and dividing the sum by the number of values?
 - a. Median
 - b. Mean
 - c. Mode
 - d. Typical value
4. The mean of four numbers is 71.5. If three of the numbers are 58, 76, and 88, what is the value of the fourth number?
 - a. 64
 - b. 60
 - c. 76
 - d. 82
5. Determine the mean of the following set of numbers: 40, 61, 55, 79, 9, 55, 81, 65, 109

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6. The mean weight of five complete computer stations is 173.2 pounds. The weights of four of the computer stations are 164.4 pounds, 142.8 pounds, 195 pounds, and 188.2 pounds respectively. What is the weight of the fifth computer station?
7. The mean width of 10 Ipads is 5.1 inches. The mean width of 6 Fire tablet is 4.8 inches.
 - a. What is the total width of the iPads?