

Finding the Mean: Worksheet

Problem Solving Exercises

1. Find the mean of the following set of numbers: 8, 12, 15, 10, 5
2. The scores of five students in a quiz are: 18, 20, 15, 17, and 20.
What is the mean score?
3. Calculate the mean of these values: 42, 36, 38, 44, 40
4. The weekly temperatures (in °C) recorded in a city were: 16, 18, 15, 14, 19, 17, 20.
What is the mean temperature?
5. A cricket player scored the following runs in 6 matches: 50, 45, 60, 55, 40, 50.
Find the mean runs per match.
6. The heights (in cm) of five plants are: 25, 30, 28, 32, 35. What is the mean height?
7. In a survey, the number of books read by 6 students in a month were: 3, 5, 2, 4, 6, 5. Find the mean number of books read.
8. The weights (in kg) of 4 bags are: 12, 17, 15, 16. Calculate the mean weight.
9. The following are the ages (in years) of 7 children in a group: 8, 9, 7, 10, 8, 12, 9.
What is the mean age?
10. The following data shows the number of goals scored in 5 football matches: 2, 1, 3, 4, 2. Find the mean number of goals scored per match.
11. A student recorded the number of hours spent on homework over 7 days: 1, 2, 2, 1, 3, 2, 1. What is the mean number of hours spent per day?
12. The lengths (in cm) of 6 pencils are: 14, 15, 13, 16, 15, 14. What is the mean length?

Answer Key

1. $(8 + 12 + 15 + 10 + 5) / 5 = 50 / 5 = \mathbf{10}$
2. $(18 + 20 + 15 + 17 + 20) / 5 = 90 / 5 = \mathbf{18}$
3. $(42 + 36 + 38 + 44 + 40) / 5 = 200 / 5 = \mathbf{40}$
4. $(16 + 18 + 15 + 14 + 19 + 17 + 20) / 7 = 119 / 7 = \mathbf{17}$
5. $(50 + 45 + 60 + 55 + 40 + 50) / 6 = 300 / 6 = \mathbf{50}$
6. $(25 + 30 + 28 + 32 + 35) / 5 = 150 / 5 = \mathbf{30}$
7. $(3 + 5 + 2 + 4 + 6 + 5) / 6 = 25 / 6 \approx \mathbf{4.17}$
8. $(12 + 17 + 15 + 16) / 4 = 60 / 4 = \mathbf{15}$
9. $(8 + 9 + 7 + 10 + 8 + 12 + 9) / 7 = 63 / 7 = \mathbf{9}$
10. $(2 + 1 + 3 + 4 + 2) / 5 = 12 / 5 = \mathbf{2.4}$
11. $(1 + 2 + 2 + 1 + 3 + 2 + 1) / 7 = 12 / 7 \approx \mathbf{1.71}$
12. $(14 + 15 + 13 + 16 + 15 + 14) / 6 = 87 / 6 = \mathbf{14.5}$