

Z Score Worksheet

1. Define Z-score.
2. Write the formula for Z-score.
3. Find Z-score when $x = 70$, $\mu = 60$, $\sigma = 5$.
4. Interpret $Z = 1.5$.
5. Convert a raw score into Z-score.
6. Interpret $Z = -2$.
7. Which distribution uses Z-scores?
8. Calculate Z if $\mu = 50$, $\sigma = 10$, $x = 65$.
9. What does $Z = 0$ indicate?
10. Find Z for $x = 90$, $\mu = 75$, $\sigma = 5$.
11. Explain standard normal distribution.
12. If $Z = 2$, how far is the value from mean?
13. Z-score application in competitive exams.
14. Compare two given Z-scores.
15. Give one real-life use of Z-score.