

Chapter 5 – Computing Probabilities
Section 4 – Finding Probabilities for a Normal Distribution

Materials Needed:

Objectives

1. Describe the meaning of a normal curve and a normal distribution.
2. Compute and interpret z-scores.
3. Use z-scores and tables to find probabilities for a normal distribution.
4. Use technology to find probabilities for a normal distribution.

Vocabulary

1. normal/normally distributed
2. approximately normal
3. z-score
4. standard normal distribution

Opening/Purpose

Lesson/Activity

Closure/Review

Homework/Assessment

1, 3, 7, 9, 13, 23, 25, 29, 35, 43, 47, 49, 53, 55, 61, 65