

Chapter 5 – Computing Probabilities
Section 5 – Finding Values of Variables for Normal Distributions

Materials Needed:

Objectives

1. Find an observation from its z-score.
2. Use z-scores to find the value of a normally distributed variable from a probability.
3. Use technology to find the value of a normally distributed variable from a probability.
4. Use z-scores to compare the relative size of two observations from different groups of data.
5. Identify unusual observations.
6. Investigate whether a claim is true.

Vocabulary

1. unusual observation

Opening/Purpose

Lesson/Activity

Closure/Review

Homework/Assessment

1, 3, 7, 9, 13, 15, 17, 19, 21, 23, 25, 29, 31, 37, 43