

Your Name: _____

Math 140: Statistics, February 19, 2008
Quiz 4, Chapter 5, Section 1, 2, & 3

1. (6 pts.) Find the area under the normal curve:
 - a) to the left of -1.2

 - b) between -2.0 and 1.5

2. (9 pts.) The average height of one group of new Air Force recruits was 72 inches with a standard deviation of 5 inches.
 - a) Convert a height of 80 inches to standard units.

 - b) Convert a height of 70 inches to standard units.

 - c) Approximate the percentage of these recruits whose height was less than 70 inches.

Pledged: _____