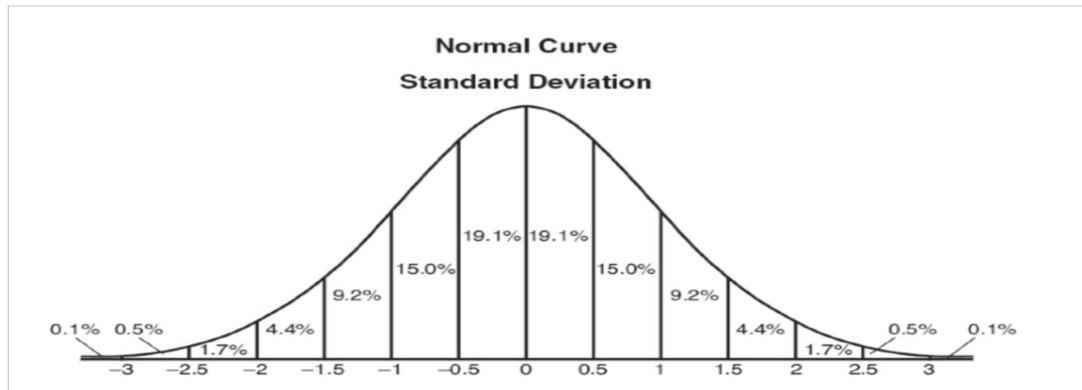


Name \_\_\_\_\_

Standard Deviation and Normal Curve

Given the following Normal Curve, answer the following questions:



<p>1. A set of measures that follows a normal bell curve has a mean of 80 and a standard deviation of 5. What percent of the measures fall between 75 and 80?</p> <p>_____</p>	<p>3. On a standardized test, the mean is 70 and standard deviation is 4. Between what two scores will 34.1 % of the scores fall?</p> <p>A) 58 to 62      B) 74 to 78 C) 66 to 70      D) 78 to 82</p> <p>_____</p>
<p>2. On a test, the mean score is 65 and the standard deviation is 2. Which score could be expected to occur less than 2% of the time?</p> <p>A) 50    B) 65    C) 62    D) 68</p>	<p>4. The set of numbers { 5, 11, 20 } has</p> <p>A) a range of 6 and median of 12 B) a range of 9 and median of 11 C) a range of 15 and median of 11 D) a range of 20 and median of 12</p>