|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1. Find the mean of the distribution shown.  |  |  |  | | --- | --- | --- | | x | 1 | 2 | | P(x) | 0.31 | 0.69 | |
| A) 0.96 B) 1.42 C) 1.18 D) 1.69 |

|  |
| --- |
| 1. For a normal distribution with mean 5 and standard deviation 6, the value 11 has a z value of |
| A) –1 B) 1 C) 2 D) 3 |

1. If the standard deviation of a probability distribution is 6.25, the variance is 2.30

**True/False**

1. A stem and leaf plot is useful for keeping more precision than a grouped frequency distribution.

**True/False**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 5. | What kind of relationship does the scatter plot show between x and y? | | | | |
| A) | A positive linear relationship | C) | No linear relationship | |
| B) | A negative linear relationship | D) | This is not a scatter plot | |
| 1. A researcher conducted a study to record the colors of students' eyes. The appropriate measure(s) of central tendency is (are): | | | | |
| A) The mode B) The median C) The mean D) Both the mode and the median | | | | |