Test 1 Review ANSWERS:

Look up the definitions.

2.

|  |  |  |  |
| --- | --- | --- | --- |
| Classes | Frequency | Relative Frequency | Cumulative Frequency |
| 10-11 | 5 | .208 | 5 |
| 12-13 | 2 | .083 | 7 |
| 14-15 | 3 | .125 | 10 |
| 16-17 | 4 | .167 | 14 |
| 18-19 | 4 | .167 | 18 |
| 20-21 | 1 | .042 | 19 |
| 22-23 | 1 | .042 | 20 |
| 24-25 | 4 | .167 | 24 |

3.  *x=6.44*

M = 6.3

Mode = 5.2

4. s = 4.49

*蟽=4.02*

5. z = 2.5  This would be unusual for Height.

z = -3.75  This would be unusual for Weight.

My Weight is relatively more different than the norm because it is further away from the respective mean for weight.

6. Min = 10 Min =  5.1

Q1 = 12 Q1 =  5.2

M =  16 M =  6.3

Q2 =  20 Q2 =  7.4

Max =  25 Max =  9.1

7.   P(R) = 3/11 = .273

P(B) = 8/11 = .727 This is Classical probability

P(G) = 0/11 = 0

8. P(Goal) = 195/834 = .234   This is Observed probability