

| X  | $(X - \bar{X})$ | $(X - \bar{X})^2$ | z-scores | T-score | Stanine | SAT Score | WAIS | Stan.Binet |
|----|-----------------|-------------------|----------|---------|---------|-----------|------|------------|
| 7  | -0.2857         | 0.0816            | -0.1348  | 49      | 5       | 487       | 98   | 98         |
| 6  | -1.2857         | 1.6531            | -0.6068  | 44      | 4       | 439       | 91   | 90         |
| 8  | 0.7143          | 0.5102            | 0.3371   | 53      | 5       | 534       | 105  | 105        |
| 9  | 1.7143          | 2.9388            | 0.8090   | 58      | 6       | 581       | 112  | 113        |
| 10 | 2.7143          | 7.3673            | 1.2810   | 63      | 6       | 628       | 119  | 120        |
| 3  | -4.2857         | 18.3673           | -2.0226  | 30      | 3       | 298       | 70   | 68         |
| 8  | 0.7143          | 0.5102            | 0.3371   | 53      | 5       | 534       | 105  | 105        |

Sums =            51                            0                            **31.4286 = SS**    MEANS =            0            50            5            500            100            100

n=            7

$$4.4898 = S^2$$

$$SS = \sum (X - \bar{X})^2$$

$$\bar{X} = 7.2857$$

$$2.1189 = S$$

$$\bar{X} = \frac{\sum X}{n}$$

$$S^2 = \frac{\sum (X - \bar{X})^2}{n}$$

$$S = \sqrt{\frac{\sum (X - \bar{X})^2}{n}}$$