

| x | $x - \bar{x}$ | $(x - \bar{x})^2$ |
|-----|---------------|-------------------|
| 1 | -0.8 | 0.64 |
| 5 | 3.2 | 10.24 |
| 1 | -0.8 | 0.64 |
| 0 | -1.8 | 3.24 |
| 2 | 0.2 | 0.04 |
| 9 | 0 | |
| | | <u>14.8</u> |

$\bar{x} = 1.8$

$$s^2 = \frac{14.8}{(5-1)}$$

$$= 3.7$$

grams squared

$$s = \sqrt{3.7}$$

$$= 1.92 \text{ grams}$$

| x | $x - \bar{x}$ | z |
|-----|---------------|-------------|
| 1 | -0.8 | -0.8 / 1.92 |
| 5 | 3.2 | 3.2 / 1.92 |
| 1 | -0.8 | -0.8 / 1.92 |
| 0 | -1.8 | . |
| 2 | 0.2 | . |
| 9 | 0 | |

$$\bar{x} = 1.8$$

$$s = \sqrt{3.7}$$

$$= 1.92 \text{ grams}$$