

~~7~~

16

26

27

33

5

$6\frac{3}{5}$

6.6

$(7-6.6)^2$

9-6.6

$(.4)^2$

$(2.4)^2$

2	3
.66	
5.76	
11.56	

$$\begin{array}{r}
 4 \\
 (-5.5)^2 \\
 (-4.5)^2 \\
 (-2.5)^2 \\
 (0.5)^2 \\
 (1.5)^2 \\
 (1.5)^2 \\
 (3.5)^2 \\
 (5.5)^2 \\
 \hline
 25.0 \\
 \hline
 2
 \end{array}$$

$$30.25$$

$$20.25$$

$$6.25$$

$$0.25$$

$$2.25$$

$$2.25$$

$$12.25$$

$$30.25$$

$$194.00$$

$$\begin{array}{r}
 13.28571428 \\
 7 \overline{) 94} \\
 \underline{49} \\
 45 \\
 \underline{28} \\
 17 \\
 \underline{14} \\
 3 \\
 \underline{20} \\
 14 \\
 \underline{60} \\
 56 \\
 \underline{40} \\
 50
 \end{array}$$



## Basic Statistics Review Practice Problems

The data set (2, 3, 4, 10, 4, 8, 2) is to compute the following quantities:

$$\sum (x_i - \bar{x})^2 = 12$$

$$\sum (x_i - \bar{x}) = 0$$

$$\sum x_i = 31$$

Switch

$$\sum x_i^2 = 2^2 + 3^2 + 4^2 + 10^2 + 4^2 + 8^2 + 2^2 = 154$$

The data set (12, 2, 8, 3, 12, 18, 13) is to compute the following quantities:

$$\sum (x_i - \bar{x})^2 = 112$$

$$\sum (x_i - \bar{x}) = 0$$

$$\sum x_i = 66$$