

| X           | Y           | (X-MEAN) <sup>2</sup> | (Y-MEAN) <sup>2</sup> |
|-------------|-------------|-----------------------|-----------------------|
| 271         | 274         | 16                    | 625                   |
| 278         | 301         | 9                     | 4                     |
| 266         | 297         | 81                    | 4                     |
| 288         | 293         | 169                   | 36                    |
| 278         | 281         | 9                     | 324                   |
| 278         | 281         | 9                     | 324                   |
| 285         | 294         | 100                   | 25                    |
| 297         | 299         | 484                   | 0                     |
| 296         | 294         | 441                   | 25                    |
| 298         | 299         | 529                   | 0                     |
| 298         | 310         | 529                   | 121                   |
| 294         | 301         | 361                   | 4                     |
| 293         | 309         | 324                   | 100                   |
| 293         | 309         | 324                   | 100                   |
| 296         | 315         | 441                   | 256                   |
| 278         | 317         | 9                     | 324                   |
| 281         | 322         | 36                    | 529                   |
| 281         | 322         | 36                    | 529                   |
| 275         | 328         | 0                     | 841                   |
| 275         | 399         | 0                     | 10000                 |
| 282         | 333         | 49                    | 1156                  |
| 289         | 322         | 196                   | 529                   |
| 289         | 311         | 196                   | 144                   |
| 280         | 305         | 25                    | 36                    |
| 271         | 305         | 16                    | 36                    |
| 259         | 305         | 256                   | 36                    |
| 269         | 282         | 36                    | 289                   |
| 286         | 317         | 121                   | 324                   |
| 292         | 310         | 289                   | 121                   |
| 281         | 310         | 36                    | 121                   |
| 286         | 316         | 121                   | 289                   |
| 286         | 314         | 121                   | 225                   |
| <b>9069</b> | <b>9875</b> | <b>5369</b>           | <b>17477</b>          |

X      9069/33 = 274,81

Y      9875/33=299,24

MEAN CENTER = 275, 299

SD = ROOT of 5369/33 + 17477

SD = ROOT of 169 + 530

SD = ROOT of 699

**SD = 26,43**

Total

