

DESCRIPTIVE STATISTICS

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DATA ENTRY SECTION

DESCRIPTIVE STATISTICS

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Sheet1

| Data<br>Item<br>(X) | Value<br>(Y) | 3-Period<br>Moving<br>Average | 6-Period<br>Moving<br>Average | 12-Period<br>Moving<br>Average |
|---------------------|--------------|-------------------------------|-------------------------------|--------------------------------|
| 1                   | 2            |                               |                               |                                |
| 2                   | 4            |                               |                               |                                |
| 3                   | 6            | 4                             |                               |                                |
| 4                   | 8            | 6                             |                               |                                |
| 5                   | 10           | 8                             |                               |                                |
| 6                   | 12           | 10                            | 7                             |                                |
| 7                   | 14           | 12                            | 9                             |                                |
| 8                   | 16           | 14                            | 11                            |                                |
| 9                   | 18           | 16                            | 13                            |                                |
| 10                  | 20           | 18                            | 15                            |                                |
| 11                  | 22           | 20                            | 17                            |                                |
| 12                  | 24           | 22                            | 19                            | 13                             |
| 13                  | 26           | 24                            | 21                            | 15                             |
| 14                  | 28           | 26                            | 23                            | 17                             |
| 15                  | 30           | 28                            | 25                            | 19                             |
| 16                  | 32           | 30                            | 27                            | 21                             |
| 17                  | 34           | 32                            | 29                            | 23                             |
| 18                  | 36           | 34                            | 31                            | 25                             |
| 19                  | 38           | 36                            | 33                            | 27                             |
| 20                  | 40           | 38                            | 35                            | 29                             |
| 21                  | 42           | 40                            | 37                            | 31                             |
| 22                  | 44           | 42                            | 39                            | 33                             |
| 23                  | 46           | 44                            | 41                            | 35                             |
| 24                  | 48           | 46                            | 43                            | 37                             |
| -----               | -----        |                               |                               |                                |
| 300                 | 600          |                               |                               |                                |
| =====               | =====        |                               |                               |                                |

Number of Items 24  
 Maximum Value 48  
 Minimum Value 2  
 Range 46  
 Mean 25  
 Standard Deviation 14  
 Variance 192  
 Linear Regression:

Sheet1

|                 |   |    |
|-----------------|---|----|
| Data Item       | > | 26 |
| Estimated Value |   | 52 |

|       |            |
|-------|------------|
| ##### |            |
| ##### |            |
| ##### |            |
| ##### | Difference |
| ##### | From       |
| ##### | Mean       |
| ##### | -----      |
| ##### | -23        |
| ##### | -21        |
| ##### | -19        |
| ##### | -17        |
| ##### | -15        |
| ##### | -13        |
| ##### | -11        |
| ##### | -9         |
| ##### | -7         |
| ##### | -5         |
| ##### | -3         |
| ##### | -1         |
| ##### | 1          |
| ##### | 3          |
| ##### | 5          |
| ##### | 7          |
| ##### | 9          |
| ##### | 11         |
| ##### | 13         |
| ##### | 15         |
| ##### | 17         |
| ##### | 19         |
| ##### | 21         |
| ##### | 23         |
| ##### |            |
| ##### |            |
| ##### |            |
| ##### |            |
| ##### |            |

| SCRATCH               | PAD       |           |       |
|-----------------------|-----------|-----------|-------|
|                       |           |           | ##### |
|                       |           |           | ##### |
|                       |           |           | ##### |
|                       |           |           | ##### |
| Difference<br>Squared | X Times Y | X Squared | ##### |
| -----                 | -----     | -----     | ##### |
| 529                   | 2         | 1         | ##### |
| 441                   | 8         | 4         | ##### |
| 361                   | 18        | 9         | ##### |
| 289                   | 32        | 16        | ##### |
| 225                   | 50        | 25        | ##### |
| 169                   | 72        | 36        | ##### |
| 121                   | 98        | 49        | ##### |
| 81                    | 128       | 64        | ##### |
| 49                    | 162       | 81        | ##### |
| 25                    | 200       | 100       | ##### |
| 9                     | 242       | 121       | ##### |
| 1                     | 288       | 144       | ##### |
| 1                     | 338       | 169       | ##### |
| 9                     | 392       | 196       | ##### |
| 25                    | 450       | 225       | ##### |
| 49                    | 512       | 256       | ##### |
| 81                    | 578       | 289       | ##### |
| 121                   | 648       | 324       | ##### |
| 169                   | 722       | 361       | ##### |
| 225                   | 800       | 400       | ##### |
| 289                   | 882       | 441       | ##### |
| 361                   | 968       | 484       | ##### |
| 441                   | 1058      | 529       | ##### |
| 529                   | 1152      | 576       | ##### |
| -----                 | -----     | -----     | ##### |
| 4,600                 | 9800      | 4900      | ##### |
| =====                 | =====     | =====     | ##### |