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Example 1

The numbers are 65.51, 72.3, 68.31, 67.05, 70.68

mean = 68.77

65.51 - 68.77 = 3.26 = when put square 10.62

72.3 - 68.77 = 3.53 = when put square 12.46

68.31 - 68.77 = 0.46 = when put square 0.211

67.05 - 68.77 = 1.72 = when put square 2.95

70.68 - 68.77 = 1.91 = when put square 3.648

10.62 + 12. 46 + 0.211 +2.95 + 3.648 = 29.886

N – 1 = 5- 1 = 4

29.886/ 4 == 7.47

variance = 7.47

standard deviation = square root of 7.74 = 2.78

Example 2

C = 910

R = 53

S = 37

P© = 910/1000 =0.91

P (r ) = 53/1000 = 0.053

P (s) = 37 /1000 = 0.037