

STA 301

GDB Fall 2016

Compute G.M from the following values.

0.5, 1.0, 2.7, 3.48, 4.71.

Solution

| X | log X |
|------|---------|
| 0.5 | -0.3010 |
| 1.0 | 0 |
| 2.7 | +.4314 |
| 3.48 | 0.5416 |
| 4.71 | 0.6730 |

$$\sum \log X = 1.345$$

$$n = 5$$

$$\log G = \sum \log X / n$$

$$= 1.345 / 5$$

$$= 0.269$$

$$G = \text{anti-log} [\log G]$$

$$G = \text{antilog}(0.269)$$

$$G = 1.8578$$

For more solution visit:

<https://www.facebook.com/groups/vucs101/>