|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| i | a | b | m=(a+b)/2 | f(m) | f(a)\*f(m) |
| 1 | 1 | 2 | 1.5 | -ve | +ve |
| 2 | 1.5 | 2 | 1.75 | +ve | -ve |
| 3 | 1.5 | 1.75 | 1.625 | +ve | -ve |
| 4 | 1.5 | 1.625 | 1.5625 | -ve | +ve |
| 5 | 1.5625 | 1.625 | 1.5937 | -ve | +ve |
| 6 | 1.5937 | 1.625 | 1.6093 | -ve | +ve |
| 7 | 1.6093 | 1.625 | 1.6171 | -ve | +ve |
| 8 | 1.6171 | 1.625 | 1.6210 | +e | -ve |
| 9 | 1.6171 | 1.6210 | 1.6190 | +ve | -ve |
| 10 | 1.6171 | 1.6190 | 1.6180 | -ve | -ve |
| 11 | 1.6171 | 1.6180 | 1.6175 | -ve | +ve |
| 12 | 1.6175 | 1.6180 | 1.6177 | -ve | +ve |
| 13 | 1.6177 | 1.6180 | 1.6178 | -ve | +ve |
| 14 | 1.6178 | 1.6180 | 1.6179 | -ve | +ve |