

Chapter 5 – Arithmetic Progressions

Answers

1. common difference = 2
2. 37
3. 309
4. 81
5. No
6. 250000, $r^2 + r$
7. 328
8. $S_n = \frac{n}{2} [2a + (n - 1)d]$
9. 6525
10. No. of rows = 20
No. of blocks in top row = 21
11. Prizes are Rs500, Rs 450, Rs400,...Rs50
12. First term = 3, Second term = 1, Fifth term = - 5 and P^{th} term = $5 - 2p$