

Arithematic Progression: - [ar 1st term dramman difference

For terms ty = a + (n-1)d [d=t_2-t_1=t_3-t_2=...] For Sum: - Sn=n[2a+(n-1)d] = n[a+l] Q1 Sories = 2,5,8, 11, 14, Ba=+,=2 If 3 terms are in A.P:-a-d, a, a+d = 3a 4 terms are in A.P:-, a-d, a+d, a+3d # \$ 5 terms are in A.P. -a-2d, a-d, a, a+d, a+2d For 3 numbers in A.P: (t) (t) (t) De know, d=t2-t1=t3-t2 · a 6 - a = c - de The=c+a



