

$n = 11$ ✓
 $n = -10 \times$ ↓
 منقبة غير قابل قبول

$$9\omega + 1\omega = 129$$

1100

A number line with tick marks at -1, -1/2, 0, 1/2, and 1. Points are marked with dots at -1, -1/2, 1/2, and 1. Arcs connect -1 to 1/2, -1/2 to 1, and 0 to 1.



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$$m = 1^{\circ} = 1 \text{ K}$$

$$\omega_n = V_0 \quad n = 1^c = 1$$

$$d = \frac{t_m - t_n}{m - n} \rightarrow \frac{11}{10-9} = r$$

$$t_9 - t_1 = ?$$

$$t_9 + 9d - t_1 = 9d = (r_0)$$

$$a_1 = 10, a_2 = 15, a_3 = 20, \dots, a_n = 10 + (n-1)5 = 5n + 5$$

$$b_1 = 10, b_2 = 15, b_3 = 20, \dots, b_n = 10 + (n-1)5 = 5n + 5$$

$$b_n = 10 + (n-1)5 = 5n + 5$$

$$t_n = \frac{1}{2}n^2 + \frac{1}{2}n$$

$$t_n = 2n + 1$$

$$t_n = \frac{2n-1}{2n+1} < \frac{1}{2}$$

$$2n-1 < n+1$$

$$n < 2$$

$$n < \frac{1}{2} \quad 1 < n < 2$$

$$t_n = 1, 4, 9, 16, 25, \dots$$

$$rA + 2B$$

$$r\left(-\frac{1}{r}\right) + 2\left(\frac{10}{r}\right) = -\frac{1}{r} + \frac{20}{r} = \frac{19}{r} = 19$$

$$t_n = An^r + Bn$$

$$t_1 = (A+B)r = 19$$

$$t_2 = 4A + 2B = 16$$

$$r = (A+B)$$

$$-1 = 19A$$

$$A = -\frac{1}{19}, B = \frac{1}{19}$$

$$t_n = -\frac{1}{19}n^2 + \frac{1}{19}n$$

$$a = 1 + b + c$$

$$-1 = b + c$$

$$t_1 = 1 + b + c$$

$$-1 = b + c$$

$$-1 = b \quad c = -2$$

$$t_n = n^2 - n - 2$$

$$a_1 = 19$$

$$a_2 = 19$$

$$\frac{t_1 - t_2}{1 - 2} = a$$

$$a_n = 19 + (n-1)a$$

$$t_1 - t_2 = 1 - 4 = -3$$

$$a_n = 19 + (n-1)19$$

$$a_n - t_n = 19 - n - 2$$

$$a_n - t_n = 19 - n - 2$$

$$n^2 - 4n + 19 = 0$$

$$n^2 - 4n + 19 = 0$$

$$(n-9)(n+1)$$

$$(n-9)(n+1)$$