

$$t_{10} = t_v + 10\lambda \Rightarrow d = 10$$

$$t_{10} = t_v + 10\lambda$$

$$t_4 = t_1 + 4\lambda \Rightarrow d \times 10 = 10$$

$$a_1 = 1$$

$$a_2 = 10$$

$$a_1 = b_1$$

$$a_2 = b_2$$

$$b_n = 1$$

$$b_n = 10^n - 1$$

$$b + x = 10 \Rightarrow 1 + x = 10$$

$$x = 9$$

$$a_n + b$$

$$10 + b = 10 + b = 10$$

$$10 + b = 10 \Rightarrow b = 0$$

$$10 + b = 10 \Rightarrow b = 0$$

$$10 + b = 10 \Rightarrow b = 0$$

$$b_n + x$$

$$10 + x = 10$$

$$10 + x = 10 \Rightarrow x = 0$$

$$10 - 1 = b_1 \Rightarrow b_1 = 9$$

$$10 - 1 = b_2 \Rightarrow b_2 = 9$$

$$\frac{10 - 1}{10 + 1} < \frac{1}{10}$$

$$t_n = \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \dots$$

$$10 - 1 < 10 + 1 \Rightarrow 10 < 11 \Rightarrow n < 11 \Rightarrow n \leq 10$$

$$A_n + B_n$$

$$t_n = -1, 0, 1, 2, 3, 4, \dots$$

$$t_n = 4, 9, 14, 19, 24, \dots$$

$$-1, 0 + B = 1 \Rightarrow b = 1, 0$$

$$d = \frac{1}{10} = -1, 0$$

$$10A + 10B = ?$$

$$10(-1, 0) + 10(1, 0) = 10$$

$$b_1 = 1$$

$$b_2 = 10, b_3 = b_2 + 10 \Rightarrow d = 10$$

$$b_n = 10n + 1$$

$$10^n - n - 4 = 10n + 1$$

$$10^n - 11n - 5 = 0$$

$$(n - 1)(n + 1) = 0$$

$$t_n = 10^n - n - 4$$

$$t_n = -4, -1, 2, 5, 8, \dots$$

$$a = 1$$

$$(-) 1 + b + c = -4$$

$$1 + 10b + c = -1$$

$$10b + c = -2 \Rightarrow b = -1$$

$$1 - 1 + c = -4$$

$$c = -4$$

$$b = 10, c = -4$$

$$10 - 1 - 4 = 5$$

$$10 - 1 - 4 = 5$$

$$10 \times 10 + 1 = 101$$