

$$\Rightarrow \text{طول رأس سهمی} = \frac{-b}{2a} = \frac{4}{2} = 2 \Rightarrow \text{تابع می بینم دار است} \Rightarrow a > 0 \text{ (الف)}$$

$$t_{\text{res}} = 9 - 18 + 2 = -7$$

جواب) $a_6 = \Rightarrow$ تابع منقسم داراست $\frac{-b}{2a} = \frac{-4}{2} = -2$

امکان پذیر نیست چون در یک سال n عضو اعداد طبیعی است $\Rightarrow$ جمله ی n یم به ازای $n=1$ بدست می آید $\Rightarrow$

$$n=1 \Rightarrow t_1 = 1 + 2 + 1 = 4$$

$$-t, -v, -\lambda, -v, -t, \dots \Rightarrow r_a = r \Rightarrow a = 1$$

$$\left. \begin{aligned} t_1 = -r &\Rightarrow 1x_1^r + b + c = -r \\ t_4 = -v &\Rightarrow 1x_1^r + r b + c = -v \end{aligned} \right\} \Rightarrow$$

$$\left. \begin{array}{l} b+c=-a \\ r b+c=-11 \end{array} \right\} \Rightarrow \boxed{b=-4} \Rightarrow \boxed{c=1} \Rightarrow t_n = n^2 - 4n + 1 \Rightarrow t_{10} = 100 - 40 + 1 = \boxed{t_{10} = 61}$$

$$-4, -1, 1, 4, \dots \Rightarrow y_a = 1 \Rightarrow a = 4$$

A handwritten number line starting at 0 and ending at 14. The numbers 0, 9, 1, 7, and 7 are written below the line, with arrows indicating jumps between them: 0 to 9, 9 to 10, 10 to 11, 11 to 18, and 18 to 25.

$$\left. \begin{aligned} t_1 = -4 &\Rightarrow r_1 r_1^r + b + c = -4 \\ t_2 = -1 &\Rightarrow r_1 r_1^r + r_2 b + c = -1 \end{aligned} \right\} =$$

$$\left. \begin{array}{l} b+c=-1 \\ x b+c=-9 \end{array} \right\} \Rightarrow \boxed{b=-1} \Rightarrow \boxed{c=-8} \Rightarrow \boxed{t_n = 2n^2 - n - 8}$$

$$\Rightarrow \text{اس کا منافی اسے} \Rightarrow a+r < r a+1 \Rightarrow a > r \Rightarrow$$

a) جواب: $[3, +\infty)$

الف) 3, 6, 9, ..., 99 $\rightarrow$ تعداد = $\frac{99-3}{3} + 1 = 33$ ۱۴

ب) 5, 10, 15, ..., 95 $\rightarrow$ تعداد = $\frac{95 - 5}{5} + 1 = 19$ تا

2.) $10, 20, 30, \dots, 90 \rightarrow \text{last} = \frac{90 - 10}{10} + 1 = 9$

کتاب ۳ و ۵ بخش پیرامند ۱۵

$32 + 19 - 6 = 45$; $3 \times 15 = 45$; $3 \times 15 = 45$