

الف) $\frac{1}{9}, \frac{1}{8}, \frac{5}{6}, \frac{4}{5}, \frac{3}{4}, \frac{2}{3}, \frac{1}{2}$ ب) $\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{5}, \frac{1}{6}, \frac{1}{7}, \frac{1}{8}, \frac{1}{9}$

الف) $\frac{-1}{\sqrt{14}} = \frac{1}{\sqrt{14}}$ ب) $24 - \left[\frac{1}{\sqrt{14}} \right] = 23$

الف) $2n-1 < 0$ ب) $(n-1)(n-4) < 0$

$n < 0.5$ $1 < n < 4$

$n \in \mathbb{R}$ $n \in \mathbb{R}$

الف) $2n-1 < 0$ ب) $(n-3)(n-9) < 0$

$n < 0.5$ $3 < n < 9$

$n \in \mathbb{R}$ $n \in \mathbb{R}$

الف) $t_q = t_k + 0.5d$ ب) $t_p = t_k - d$

$22 = 7 + 0.5d$ $t_p = 7 - 3 = 4$

$d = 30$ $d = 30$

الف) $\frac{-b}{2a} = \frac{-4}{2} = -2 \Rightarrow 3^2 - 4(3) + 2 = -7$

ب) $\frac{-b}{2a} = \frac{-4}{2} = -2 \times 1 \Rightarrow 1 + 4 + 1 = 6$

الف) $a+b+c = -4, -7, -1, -5, -3$

$2a+b = -2$ $2a = -2$

$a = -1$ $a = -1$

$a+b+c = -5 \rightarrow c = 1$

$2a+b = -3 \rightarrow b = -5$

$2a = 2 \rightarrow a = 1$

$t_n = n^2 - 4n + 1$

$t_1 = 1^2 - 4(1) + 1 = -2$

الف) $-4, -1, 1$

$+0$ $+9$

$+10$

$2a = 4 \rightarrow a = 2$

$2a+b = 0 \rightarrow b = -4$

$a+b+c = -7 \rightarrow c = -3$

$t_n = 2n^2 - 4n - 3$

الف) $2a+1 > a+4$

$a > 3$

الف) $\frac{99-3}{3} + 1 = 33$

ب) $\frac{98-5}{5} + 1 = 19$

ج) $\frac{90-15}{15} + 1 = 7$

د) $33+19-7 = 45$

اللياني دسفر دخترب