آکادمی

۱)

$\frac{9}{4}a - \frac{3}{2}b + c = 9a + 3b + c \rightarrow 9a - 6b = 36a + 12b \rightarrow -18b = 27a$ ۲)

$\alpha + \beta = \frac{-b}{a} = \frac{3}{2}$

$|\frac{3}{2}k| = \sqrt{\Delta} = \sqrt{4k^2 - 20} \rightarrow |\frac{3}{2}k| = \sqrt{k-5} \rightarrow \frac{5}{9}k = 5 \rightarrow k = 9$ ۳)

$[40/5] = 40$

ext عرض : $\frac{+5+3}{2} = 4 \rightarrow ext \mid \begin{matrix} -1 \\ 1 \end{matrix} \rightarrow -1 = \frac{-b}{2a} \rightarrow 2a = b$ ۴)

$a - b + c = 1 \rightarrow 2b + c = 1 \rightarrow \boxed{c = 7}$

$\alpha^2 + \beta^2 = 5 \rightarrow S^2 - 2P = 5 \rightarrow \frac{b^2}{a^2} 4 - \frac{2a+2}{a} = 5 \rightarrow a = \frac{-3}{2} , b = -3$

۵)

۶)