

$x^2 - 11x + 28 = 0$ $(x-4)(x-7) = 0$ $x = 4, 7$	$x^2 + 3x - 28 = 0$ $(x-4)(x+7) = 0$ $x = 4, -7$	6
الف) $\Delta x^2 - 12x + 1 = 0$ $x^2 - 12x + 36 = 0$ $(x-6)(x-6) = 0$ $x = \frac{12}{2}, 6$	$3x^2 - 10x + 1 = 0$ $x^2 - 10x + 31 = 0$ $(x-3)(x-7) = 0$ $x = 1, \frac{1}{3}$	7
الف) $x = 1$ ب) $x = -1$ $x = \frac{c}{a} = \frac{3}{4}$ $x = \frac{-c}{a} = -\frac{3}{4}$	$\Delta b^2 - 4ac = 49 - 144 < 0$ فا لا يلى الله حقيقى الله	8
$S = \frac{-b}{a} = 3$ $P = \frac{c}{a} = -2$	الف) $9 + 4 = 13$ ب) $2V - 3 \times 3 \times -2 = 2V + 18 = 42$	9
الف) $\begin{pmatrix} 1 \\ 2 \end{pmatrix} + \begin{pmatrix} 3 \\ 4 \end{pmatrix} = \frac{1 \times 4}{2} + \frac{3 \times 1}{2} = 2 + 1.5 = 3.5$ ب) $\begin{pmatrix} 1 \\ 2 \end{pmatrix} + \begin{pmatrix} 3 \\ 4 \end{pmatrix} = \frac{1 \times 4}{2 \times 2} - \frac{3 \times 1}{2} = 1 - 1.5 = -0.5$		10