

1	$x = \frac{3 \pm \sqrt{21}}{2}, \frac{1 \pm \sqrt{3}i}{2}$ (i is the imaginary unit)
2	① $\frac{5}{8}$
	② $\frac{2}{3}$
3	$\begin{pmatrix} 2 & -1 & -1 & 1 \\ -1 & 2 & -1 & 1 \\ -1 & -1 & 2 & -2 \\ 1 & 1 & -2 & 2 \end{pmatrix}$
4	$0, 10, \pm \sqrt{10}$

Please fill in the box below.

Put your sticker for Section 1 with the bar code here.	Name		Examinee Number
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5	①	$a = 4$
	②	$\frac{11}{225}$
6		$2e$ (e is the base of the natural logarithm)
7		$3 \log_e 3 - 2$