

1	$a = -1, 0, \frac{3}{4}, 1 \pm \sqrt{5}i$
2	$n^2(n+1)^2(n+2)^2$
3	$\frac{131}{108}$
4	<div style="display: flex; justify-content: center; align-items: center;"> <div style="margin-right: 20px;">①</div> <div style="text-align: center;"> $\begin{pmatrix} -18 \\ 9 \\ 9 \end{pmatrix}$ </div> </div> <hr style="border-top: 1px dashed black;"/> <div style="display: flex; justify-content: center; align-items: center;"> <div style="margin-right: 20px;">②</div> <div style="text-align: center;"> $\frac{8\sqrt{6}}{3}$ </div> </div>

Please fill in the box.(the bold part is mandatory)

Put your sticker for Section 1
with the bar code here.

Name		Examinee Number	
		—	
Date of Birth (year)		(month)	(day)
Gender (Check the appropriate box) Male <input type="checkbox"/> Female <input type="checkbox"/>		Age	
Address		/ 7	

5	<p>① $f'(x) = \frac{1}{1+x^2}$</p> <hr/> <p>② $f''(-\sqrt{3}) = \frac{\sqrt{3}}{8}$</p>
6	$256x^{12} - 113x^8 + 18x^4 - 1$
7	$\frac{1}{2}$