

令和4年度一般選抜C A共通テスト併用方式 数学解答

問題番号	小問	解答記号	正解					
1	(1)	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>1</td><td>2</td></tr></table>	1	2	17			
1	2							
(2)	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>3</td></tr></table> , <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>4</td></tr></table> <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>5</td></tr></table> , <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>6</td></tr></table> , <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>7</td></tr></table> <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>8</td></tr></table>	3	4	5	6	7	8	0, 25, 3, -2
3								
4								
5								
6								
7								
8								
(3)	$- \boxed{9} \leq x \leq \boxed{10}$	$-7 \leq x \leq 2$						
(4)	$\boxed{11} \leq k < \sqrt{\boxed{12}}$	$1 \leq k < \sqrt{2}$						
(5)	$(0, \boxed{13})$	$(0, 8)$						
2	(1)	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>14</td></tr></table>	14	0				
14								
(2)	$x - \boxed{15} x + \boxed{16}$	$x - 6x + 8$						
(3)	$a_1 = \boxed{17}, a_1 = \boxed{18}, a_2 = \boxed{19}$	$a_1 = 0, a_1 = 3, a_2 = 6$						
3	(1)	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>20</td></tr></table>	20	6				
20								
(2)	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>21</td></tr></table> <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>22</td><td>23</td></tr></table>	21	22	23	$\frac{7}{72}$			
21								
22	23							
(3)	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>24</td></tr></table> <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>25</td><td>26</td></tr></table>	24	25	26	$\frac{5}{27}$			
24								
25	26							
(4)	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>27</td><td>28</td></tr></table> <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>29</td><td>30</td></tr></table>	27	28	29	30	$\frac{19}{72}$		
27	28							
29	30							
4	(1)	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>31</td><td>32</td></tr></table> <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>33</td><td>34</td></tr></table>	31	32	33	34	$\frac{17}{32}$	
31	32							
33	34							
(2)	$\boxed{35} \sqrt{\boxed{36} \boxed{37}}$	$2\sqrt{51}$						
(3)	$h = \frac{\boxed{38}}{\boxed{39}} \cdot \frac{S}{PQ}$	$h = \frac{8}{3} \cdot \frac{S}{PQ}$						
5	(1)	$- \boxed{40}$	-1					
	(2)	$AH : HB = \boxed{41} : \boxed{42}$	$AH : HB = 2 : 5$					
	(3)	$\boxed{43} \vec{OA} + \boxed{44} \vec{OB}$ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>45</td></tr></table>	45	$\frac{5\vec{OA} + 2\vec{OB}}{9}$				
45								
6	(1)	$\frac{\boxed{46}}{\boxed{47}} a + \boxed{48}$	$\frac{1}{2}a + 2$					
	(2)	$-\frac{\boxed{49}}{\boxed{50}} a^2 - \boxed{51} a - \boxed{52}$	$-\frac{1}{4}a^2 - 2a - 1$					
	(3)	$b^2 + \boxed{53} b + \boxed{54}$	$b^2 + 4b + 3$					