

令和4年度 一般選抜A個別方式(第1日) 数学解答

問題番号	小問	解答記号	正解
1	(1)	$-\frac{\sqrt{\boxed{1}}}{\boxed{2}}$	$-\frac{\sqrt{5}}{8}$
	(2)	$\boxed{3} \quad \boxed{4}$	25
	(3)	$\frac{\boxed{5}}{\boxed{6}}\pi, \quad \boxed{7}\pi$	$\frac{5}{3}\pi, 2\pi$
	(4)	$\boxed{8}$	3
	(5)	$\frac{\boxed{9}}{\frac{\boxed{10}}{\boxed{11}}}$	$\frac{5}{14}$
2	(1)	$\frac{\sqrt{\boxed{12} \quad \boxed{13}}}{\boxed{14}}$	$\frac{\sqrt{15}}{8}$
	(2)	$\boxed{15} \sqrt{\boxed{16}}$	$2\sqrt{6}$
	(3)	$\frac{\boxed{17} \sqrt{\boxed{18} \quad \boxed{19}} - \boxed{20} \sqrt{\boxed{21} \quad \boxed{22}}}{\boxed{15}}$	$\frac{9\sqrt{15} - 3\sqrt{10}}{15}$
3	(1)	$(x - \boxed{23})^2 + (y - \boxed{24})^2 = r^2$	$(x - 3)^2 + (y - 2)^2 = r^2$
	(2)	$\frac{\sqrt{\boxed{25}}}{\boxed{5}}$	$\frac{\sqrt{5}}{5}$
	(3)	$\frac{\sqrt{\boxed{26} \quad \boxed{27}}}{\boxed{5}}$	$\frac{\sqrt{30}}{5}$
4	(1)	$\frac{\boxed{28}}{\boxed{29}}\pi$	$\frac{5}{3}\pi$
	(2)	$\boxed{30}$	0
	(3)	$-\frac{\boxed{31}}{\boxed{32}}$	$-\frac{3}{2}$
5	(1)	$\frac{\boxed{33}}{\boxed{34}}\vec{OB} + \frac{\boxed{35}}{\boxed{36}}\vec{OC}$	$\frac{2}{3}\vec{OB} + \frac{1}{3}\vec{OC}$
	(2)	$(\boxed{37}, \boxed{38}, \boxed{39})$	$(2, 3, 1)$
	(3)	$\left(\frac{\boxed{40} \quad \boxed{41}}{\boxed{42}}, \frac{\boxed{43}}{\boxed{44}}, 0 \right)$	$\left(\frac{13}{3}, \frac{1}{3}, 0 \right)$
6	(1)	$x^2 - \boxed{45}x + \boxed{46} \quad \boxed{47}, \quad (\boxed{48}, \quad \boxed{49})$	$x^2 - 7x + 19, \quad (3, 7)$
	(2)	$\boxed{50}x - \frac{\boxed{51}}{\boxed{52}}, \quad \frac{\boxed{53}}{\boxed{54}}, \quad \frac{\boxed{55}}{\boxed{56}}$	$2x - \frac{5}{4}, \quad \frac{3}{2}, \quad \frac{9}{2}$
	(3)	$\frac{\boxed{57}}{\boxed{58}}$	$\frac{9}{4}$