

令和6年度一般選抜A個別方式(第2日)数学解答

問題番号	小問	解答記号	正解
1	(1)	$\boxed{1}, \boxed{2} \boxed{3}$	1, 14
	(2)	$\boxed{4}, (\boxed{5}, \boxed{6}), \boxed{7}, \boxed{8}$	1, (1,3), 5, 0
	(3)	$\boxed{9}$	2
	(4)	$\frac{\boxed{10}}{\boxed{11} \boxed{12}}$	$\frac{6}{25}$
	(5)	$\boxed{13}, \boxed{14} \boxed{15}^\circ$	2, $30^\circ$
2	(1)	$-\frac{\boxed{16}}{\boxed{17}}$	$-\frac{4}{3}$
	(2)	$\frac{\boxed{18}}{\boxed{19}}x + \frac{\boxed{20}}{\boxed{21}}$	$\frac{3}{4}x + \frac{7}{4}$
	(3)	$(x + \boxed{22})^2 + (y - \boxed{23})^2 = \boxed{24} \boxed{25}$	$(x + 1)^2 + (y - 1)^2 = 50$
3	(1)	$\frac{\sqrt{\boxed{26}}}{2}$	$\frac{\sqrt{3}}{2}$
	(2)	$\boxed{27}$	1
	(3)	$\frac{\boxed{28} + \sqrt{\boxed{29}}}{2}$	$\frac{1 + \sqrt{3}}{2}$
4	(1)	$\frac{\boxed{30} \overrightarrow{AB} + \overrightarrow{AC}}{\boxed{31}}$	$\frac{2\overrightarrow{AB} + \overrightarrow{AC}}{5}$
	(2)	$\frac{\boxed{32}}{\boxed{33}}$	$\frac{1}{2}$
	(3)	$\frac{\boxed{34}}{\boxed{35}}$	$\frac{1}{3}$
5	(1)	$\frac{1}{\sqrt{\boxed{36}}}, \boxed{37}$	$\frac{1}{\sqrt{3}}, 2$
	(2)	$\boxed{38} a_n$	$2a_n$
	(3)	$\frac{\boxed{39}^n - \boxed{40}}{\boxed{41}} \pi$	$\frac{4^n - 1}{9} \pi$
6	(1)	$(-\boxed{42}, \boxed{43})$ と $(\boxed{44}, \boxed{45})$	$(-1, 1)$ と $(4, 6)$
	(2)	$\frac{\boxed{46} \boxed{47}}{2}$	$\frac{33}{2}$
	(3)	$\frac{\boxed{48} \boxed{49} \boxed{50}}{6}$	$\frac{-13}{6}$