

令和5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)	$\boxed{1} \ \boxed{2}$	22
	(2)	$\frac{\boxed{3}}{\boxed{4}}\pi$	$\frac{5}{6}\pi$
	(3)	$x = \boxed{5}, y = \boxed{6}$	$x = 1, y = 5$
	(4)	$\boxed{7} + \boxed{8}\sqrt{3}$	$2 + 2\sqrt{3}$
	(5)	$a = \boxed{9}$ または $\boxed{10} \leq a < \boxed{11}$	$a = 1$ または $2 \leq a < 5$
2	(1)	$\frac{\boxed{12}}{\boxed{13}}$	$\frac{1}{8}$
	(2)	$\frac{\boxed{14} \ \boxed{15}}{\boxed{16}}\sqrt{\boxed{17}}$	$\frac{15}{4}\sqrt{7}$
	(3)	$\frac{\sqrt{\boxed{18}}}{\boxed{19}}$	$\frac{\sqrt{7}}{2}$
3	(1)	$\frac{\boxed{20}}{\boxed{21}}$	$\frac{1}{2}$
	(2)	$\frac{\boxed{22}}{\boxed{23}}$	$\frac{3}{4}$
	(3)	$\frac{\boxed{24}}{\boxed{25}}$	$\frac{1}{3}$
4	(1)	$(\boxed{26}, \boxed{27}), (\boxed{28}, \boxed{29})$	$(1, 2), (1, 3)$
	(2)	$(x - \boxed{30})^2 + (y - \boxed{31})^2 = \boxed{32}$	$(x - 1)^2 + (y - 1)^2 = 1$
	(3)	$(x - \boxed{33})^2 + (y - \boxed{34})^2 = \boxed{35}$	$(x - 1)^2 + (y - 1)^2 = 4$
5	(1)	$\boxed{36} \ \boxed{37}$	-1
	(2)	$\left(\boxed{38}, \frac{\boxed{39} \ \boxed{40}}{17}, -\frac{\boxed{41} \ \boxed{42}}{17} \right)$	$\left(0, \frac{11}{17}, -\frac{44}{17} \right)$
	(3)	$\frac{\boxed{43} \ \boxed{44}}{3}$	$\frac{11}{3}$
6	(1)	$a + \boxed{45}b + \frac{\boxed{46} \ \boxed{47}}{\boxed{48}}$	$a + 2b + \frac{31}{3}$
	(2)	$x^2 + \boxed{49}x + \boxed{50}b + \boxed{51}$	$x^2 + 2x + 2b + 2$
	(3)	$a = \boxed{52}, b = -\boxed{53}$	$a = 3, b = -5$