

2026 年度 入学試験解答用紙 (数学)

受験番号	
評 価	*

1	(1)	(2)	(3)	(4)
	-2	$-6x + 13$	$\frac{x + 12y}{8}$	$-\sqrt{3} + 1$

2	(1)	(2)	(3)
	$3(x + 5)(x - 2)$	$x = \frac{1 \pm \sqrt{17}}{2}$	$x = 2$, $y = 1$

(4)	(5)	(6)	(7)
$\frac{25}{4}$	$a = 2$	$\frac{1}{3}$	$24\pi \text{ cm}^2$

(8)	(9)	(10)
$\angle x = 24^\circ$	$8 + 8\sqrt{3} \text{ cm}^2$	A ④ D ③

1(1) ~ 2(10) 得点

3	(1)	(2)	(3)
	6 cm^2	$\frac{1}{2}x^2 \text{ cm}^2$	$2\sqrt{3}$ 秒後、7秒後

4	(1)	(2)	(3)
	AC = 5 cm, AD = $\sqrt{34}$ cm	BE = $\frac{\sqrt{34}}{2}$ cm	V : V' = 1 : 4

5	(1)	(2)	(3)
	$a = -4$	$y = 2x - 2$	$y = 7x - \frac{9}{2}$

6	(1)	(2)	(3)	(4)
	2047	683	210	167167

3(1) ~ 6(4) 得点