

番号	配点	正 答	上位群 正答率 下位群	上位群 無答率 下位群	誤答率	主な誤答例 (標本全体に対する%)
[1] (1)	4	- 13	75.7 93.0 59.4	0.1 0.0 0.7	24.2	37(8.1), $-\frac{97}{4}$ (2.7), - 88(2.4)
(2)	4	$-\frac{x}{6} + \frac{y}{6}$	72.4 95.1 54.5	0.6 0.0 0.0	27.0	$-x+y$ (13.1), $-\frac{x+y}{6}$ (2.2)
(3)	4	$(x, y) = (3, -3)$	67.9 87.4 52.4	3.6 0.0 4.9	28.5	$(-\frac{3}{5}, \frac{12}{5})$ (3.8), $(-\frac{1}{2}, \frac{9}{4})$ (3.6)
(4)	4	$-a(x-3)(x+1)$	69.0 91.6 35.7	2.8 0.7 5.6	28.2	$a(x-3)(x+1)$ (12.8), $a(-x^2+2x+3)$ (3.7)
(5)	4	5	83.4 97.2 69.6	1.2 0.0 1.4	15.4	$5-2\sqrt{6}$ (3.7), 11(1.6), $5+2\sqrt{6}$ (1.5), 7(1.3)
(6)	4	$4x+3y \leq 2500$	82.6 95.8 65.0	0.6 0.0 0.0	16.8	$4x+3y < 2500$ (9.3), $4x+3y \geq 2500$ (4.7)
(7)	4	$x = \frac{2}{5}, 1$	82.6 98.6 58.7	2.4 0.0 7.0	15.0	$\frac{7 \pm \sqrt{9}}{10}$ (5.3), $\frac{7 \pm \sqrt{89}}{10}$ (0.8)
(8)	4	$n = 8, 9, 10, 11$	78.4 93.7 57.3	6.3 0.0 14.0	15.3	8, 9, 10, 11, 12(2.3), 8, 9, 10(0.8), 9, 10, 11(0.8), 1, 2(0.8)
(9)	4	8 回	14.7 30.1 5.6	14.0 4.9 25.9	71.3	6(24.8), 21(9.6), 7(3.9)
(10)	4	25% 増加	21.6 43.4 3.5	7.0 0.7 14.7	71.4	20% 増加(19.9), 10% 増加(7.0), 10% 減少(6.0)
(11)	4	ア - 2	40.3 74.8 8.4	10.5 0.7 19.6	49.2	(ア, イ)の順で (0, 1)(9.1), (0, 2)(7.1), (-1, 0)(4.5), (-1, 1)(4.1)
		イ 0	41.9 12.6 12.6	10.3 0.7 18.9	47.8	
(12)	4	72°	53.8 83.9 30.8	13.0 4.9 21.8	33.2	60° (4.7), 54° (4.0), 36° (3.4)
(13)	4	$\sqrt{2} \text{ cm}^2$	52.2 88.8 16.1	16.5 4.2 25.9	31.3	$2\sqrt{2}$ (5.9), 2(4.4), $\sqrt{3}$ (3.7)
[2] (1)	4	イ, オ	25.6 43.4 6.3	0.1 0.0 0.0	74.3	イ, ウ(25.7), イ, ウ, オ(13.1), ウ, オ(5.8), ア, イ, ウ(5.5)
(2)	4	エ	72.2 95.1 49.7	0.1 0.0 0.0	27.7	ア(24.9), ウ(1.4), イ(1.1)
(3)	4	$\frac{16}{49}$	72.8 88.1 58.0	2.7 0.0 3.5	24.5	$\frac{15}{49}$ (5.1), $\frac{10}{49}$ (2.1)
(4)	4	4	49.4 74.8 36.4	7.6 1.4 11.2	43.0	2(11.6), 8(11.0), 0(9.1), 6(8.1)
[3] (1)	4	4	61.7 83.2 41.3	3.3 0.0 4.2	35.0	$y=4x+6$ (17.2), 2(2.5), 6(1.7), $4x$ (1.2)
(2)	4	12	65.6 95.8 30.8	11.1 0.0 25.2	23.3	15(2.3), 8(1.9), 6(1.6)
[4] (1)	4	$y=x^2$	41.4 85.3 4.2	20.1 1.4 40.6	38.5	$y=3x$ (16.9), $y=\frac{1}{2}x^2$ (3.2)
(2)	4	エ	61.0 94.4 30.8	3.3 0.0 5.6	35.7	イ(18.4), ア(5.2), オ(5.1)
[5] (1)	4	$18\pi + 18\sqrt{2}\pi \text{ cm}^3$	46.0 79.0 7.7	9.1 0.7 21.7	44.9	$36\pi + 18\sqrt{2}\pi$ (5.4), $18 + 18\sqrt{2}$ (2.2)
(2)	4	$45\pi \text{ cm}^2$	27.0 58.7 2.1	24.9 1.4 55.2	48.1	63π (4.8), 54π (3.3), 36π (2.7)
[6] (1)	4	$\frac{27}{4} \text{ cm}$	23.8 49.0 2.1	21.0 16.1 32.2	55.2	$3\sqrt{3}$ (13.1), 6(8.6), 7(4.5), 9(4.1)
(2)	4	$\frac{27}{8} \text{ cm}^2$	6.2 7.7 0.0	54.6 51.7 63.6	39.2	1(3.9), 3(3.7), 2(3.6)