

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	-8	79 89 72	0 0 0	21	8 (11.5), -2 (0.7)
(2)	4	-8	67 85 49	1 0 1	32	$4+8\sqrt{3}$ (4.4), $-8+4\sqrt{3}$ (3.9)
(3)	4	$xy(x-y)(x-2y)$	77 92 64	3 0 6	20	$xy(x^2-3xy+2y^2)$ (6.9), $xy(x-2)(x-1)$ (4.6)
(4)	4	$x = \frac{-3 \pm \sqrt{6}}{3}$	64 80 41	5 1 12	31	$-1 \pm 2\sqrt{6}$ (2.8), $2\sqrt{6}$ (2.7), $\frac{3 \pm \sqrt{6}}{3}$ (2.0), $-3 \pm \sqrt{6}$ (1.7)
(5) ア	4	$\begin{cases} x+y=250 \\ \frac{3}{100}x + \frac{8}{100}y = 15 \end{cases}$	60 95 23	12 1 22	28	$\begin{cases} x+y=250 \\ \frac{3}{100}x + \frac{8}{100}y = \frac{6}{100} \end{cases}$ (13.5), $\begin{cases} x+y=250 \\ 3x+8y=6 \end{cases}$ (1.9),
イ	4	$x=100, y=150$	58 90 26	24 1 44	18	(150, 100) (3.2), (120, 130) (1.4), (50, 200) (0.7)
(6)	4	12 通り	49 66 26	4 3 7	47	6 (17.2), 18 (5.0), 36 (3.7), 9 (2.4)
(7)	4	165 本	40 53 23	7 4 9	53	81 (6.8), 33 (2.7), 90 (2.6), 30 (1.9)
(8)	4	260 個	50 74 31	8 1 16	42	300 (17.9), 360 (1.3), 30 (1.2), 3 (1.1)
(9)	4	6 組	43 65 20	4 0 4	53	3 (27.6), 4 (14.7), 8 (3.6), 2 (2.5)
[2] (1)	5	$a=3$	52 80 29	5 0 10	43	6 (12.4), $\frac{3}{2}$ (3.1), $\frac{5}{3}$ (2.7), 12 (2.6)
(2)	5	$a=-8, b=-2$	70 90 45	8 0 15	22	$(-32, -32)$ (4.8), $(-2, -2)$ (0.2), (8, 2) (0.2)
(3)	5	$135^\circ$	71 96 41	7 0 13	22	$120^\circ$ (6.6), $130^\circ$ (1.1), $150^\circ$ (1.0)
[3] (1)	5	$y=6x^2$	26 56 4	18 3 27	56	$y=30x$ (23.7), $y=6x$ (4.0), $y=5x$ (1.5)
(2)	5	$y=-15x+225$	16 30 1	37 17 56	47	$y=-15x+150$ (8.0), $y=-15x$ (1.3), $y=15x$ (1.0)
[4] (1)	5	$a = \frac{1}{2}$	91 98 86	2 0 1	7	2 (1.1), $\frac{1}{3}$ (0.7), $\frac{1}{2}$ (0.7)
(2)	5	(0, 6)	22 40 4	17 10 21	61	(0, 10) (7.9), (0, 4) (5.4), (0, 12) (4.3), (0, 8) (3.9)
[5] (1)	5	$50^\circ$	67 87 52	3 1 3	30	$60^\circ$ (8.7), $20^\circ$ (7.9), $45^\circ$ (1.9)
(2)	5	$20^\circ$	45 63 21	13 10 17	42	$30^\circ$ (23.5), $25^\circ$ (5.7), $15^\circ$ (2.9)
[6] (1)	5	$\frac{15\sqrt{2}}{2} \text{ cm}$	35 60 9	7 0 11	58	$5\sqrt{5}$ (14.1), $5\sqrt{6}$ (3.7), $\frac{225}{2}$ (3.4), 15 (2.1)
(2)	5	$16 \text{ cm}^2$	40 70 13	28 9 42	32	20 (8.6), 9 (2.6), 5 (1.8), 25 (0.9)
(3)	5	$3 \text{ cm}$	33 41 23	36 25 42	31	4 (6.0), 3.5 (5.2), 2 (2.9), 5 (2.9)