

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	$-\frac{8}{3}$	73 88 55	0 0 0	27	$\frac{8}{3}$ (8.4), $-\frac{2}{27}$ (4.0), $-\frac{2}{3}$ (2.3)
(2)	4	4	84 97 71	1 0 1	15	$4+2\sqrt{3}$ (1.8)
(3)	4	$\frac{3x-7}{3}$	63 90 35	0 0 0	37	$\frac{6x-14}{6}$ (13.1), $\frac{3x+2}{3}$ (4.0)
(4)	4	$xy(x+2)(x-7)$	86 97 79	2 0 1	12	$(x+2)(x-7)$ (2.2), $xy(x^2-5x-14)$ (2.1)
(5)	4	$x = -1 \pm \sqrt{5}$	71 95 47	2 0 5	27	$\pm \sqrt{5}$ (3.6), $-1 \pm 2\sqrt{5}$ (1.8)
(6)	4	$\begin{cases} x+y=500 \\ \frac{70}{100}x+\frac{90}{100}y=410 \end{cases}$	86 99 71	2 0 5	12	$\begin{cases} x+y=500 \\ \frac{30}{100}x+\frac{10}{100}y=410 \end{cases}$ (4.2)
	4	$\begin{cases} x=200, \\ y=300 \end{cases}$	83 99 61	7 0 13	10	$x=300, y=200$ (1.5)
(7)	4	12500 個	80 97 61	2 0 5	18	20 (9.4), 1250 (1.7)
(8)	4	$n = 2, 8, 18, 72$	33 64 3	6 1 10	61	2, 8, 18 (14.3), 2, 8 (10.4)
(9)	4	$\frac{p+1}{8}$	41 70 8	21 2 42	38	$\frac{p-1}{8}$ (10.6), $\frac{-p-1}{8}$ (3.8)
(10)	4	$k = \frac{1}{2}$	55 89 18	14 3 28	31	2 (16.6), 6 (2.4)
(11)	4	$\angle x = 26$ 度	87 96 75	2 0 2	11	32 (3.8), 52 (1.0)
(12)	4	$2\sqrt{11}$ cm	68 94 37	3 1 4	29	$\sqrt{11}$ (7.2), 6 (4.4), $\sqrt{22}$ (2.7)
[2] (1)	4	2.5	40 68 16	2 0 3	58	2 (35.1), 3 (11.5), 4 (6.4)
(2)	4	$\frac{2}{5}$	88 96 80	1 0 3	11	$\frac{1}{2}$ (1.7), $\frac{7}{20}$ (1.4)
(3)	4	12 行目	43 65 64	13 7 7	44	11 (13.8), 13 (4.4), 14 (2.4)
		5 番目	41 14 12	13 24 23	46	20 (7.7), 4 (6.0), 3 (3.8)
(4)	4	-4	30 51 15	22 10 23	48	0 (5.3), 6 (2.3), 4 (1.8)
[3] (1)	4	$y = \frac{1}{2}x + 6$	75 99 48	8 0 13	17	$y = \frac{5}{2}x + 6$ (0.6), $y = 2x + 6$ (0.5)
(2)	4	$\left(\frac{20}{3}, \frac{28}{3}\right)$	28 48 3	32 12 57	40	(6, 9) (2.7), $\left(\frac{20}{3}, \frac{100}{9}\right)$ (2.2)
[4] (1)	4	$y = \frac{1}{4}x^2$	25 54 1	27 4 55	48	$y = 2x$ (22.6), $y = \frac{1}{2}x^2$ (4.5)
(2)	4	$y = 4x - 16$	18 40 0	37 10 65	45	$y = 4x + 16$ (6.5), $y = 4x$ (5.2) $y = 2x$ (4.0)
[5] (1)	4	1080 度	82 96 65	2 0 5	16	135° (2.1), 1440° (1.5)
(2)	4	$50\sqrt{2}$	8 19 0	48 36 61	44	100 (2.5), 75 (2.5)
[6] (1)	4	12π	79 97 61	3 0 7	18	12 (5.0), 36π (3.6)
(2)	4	$\frac{48}{5}\pi$	11 28 1	42 21 56	47	16π (5.5), 12π (4.0), 24π (1.8)