

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	-23	59 76 34	3 0 3	38	$-\frac{37}{2}$ (5.8), 13 (5.6)
(2)	4	$9-3\sqrt{2}$	62 80 44	1 0 1	37	$-3-3\sqrt{2}$ (5.9), $3-3\sqrt{2}$ (4.1)
(3)	4	$(x+1)(x-1)(x+2)(x-2)$	8 12 2	5 0 7	87	$(x^2-1)(x^2-4)$ (51.4), x^4-5x+4 (14.9)
(4)	4	$x=2\pm\sqrt{3}$	75 91 54	3 0 8	22	$4\pm\sqrt{3}$ (1.7) $2\pm2\sqrt{3}$ (1.6) $2\pm\sqrt{2}$ (1.4)
(5)ア	4	$\begin{cases} x+y=320 \\ \frac{105}{100}x+\frac{90}{100}y=315 \end{cases}$	81 98 63	5 0 8	14	$\begin{cases} x+y=320 \\ 1.5x+0.9y=315 \end{cases}$ (1.0), $\begin{cases} x+y=320 \\ 0.05x-0.1y=5 \end{cases}$ (0.8),
イ	4	$x=180, y=140$	73 96 44	13 0 31	14	(140, 180) (1.0), (45, 275) (0.7), (170, 150) (0.6)
(6)	4	$\frac{7}{12}$	65 88 36	3 1 2	32	$\frac{5}{12}$ (15.6), $\frac{1}{6}$ (3.0), $\frac{1}{2}$ (2.2)
(7)	4	840 本	33 50 14	12 10 16	55	228 (4.1), 120 (3.8), 80 (3.0)
(8)	4	900 個	53 74 27	5 0 9	42	1000 (19.8), 10 (3.0), 90 (2.5)
(9)	4	4 組	55 78 35	2 0 5	43	2 (32.0), 3 (2.6), 6 (1.8), 5 (0.9)
[2] (1)	5	$k=\frac{1}{2}$	61 92 33	11 1 20	28	2 (15.3), 3 (1.4), 6 (1.3), $\frac{2}{3}$ (1.1)
(2)	5	$y=16$	75 97 55	7 1 10	18	25 (2.9), 18 (2.4), $\frac{125}{4}$ (1.6)
(3)	5	75°	62 91 35	6 1 14	32	60° (12.5), 80° (3.1), 30° (2.9)
[3] (1)	5	ウ	48 84 12	1 0 0	51	イ (25.0), エ (13.7), ア (10.5)
(2)	5	$y=-3x+18$	33 62 3	25 3 52	42	$y=3x$ (5.9), $y=x^2$ (2.9), $y=-3x+9$ (2.6)
[4] (1)	5	$y=x+4$	82 99 69	6 0 6	12	$y=\frac{3}{2}x+5$ (1.0), $y=3x+8$ (0.7)
(2)	5	$\frac{256}{3}\pi$	23 40 5	20 3 28	57	$\frac{64}{3}\pi$ (11.1), $\frac{128}{3}\pi$ (6.3)
[5] (1)	5	72°	54 88 14	14 2 28	32	60° (7.9), 90° (3.7), 80° (3.4)
(2)	5	$36\pi \text{ cm}^2$	34 69 1	30 3 52	36	16π (2.4), 20π (2.2), 32π (1.3)
[6] (1)	5	$\frac{\sqrt{6}}{3} \text{ cm}^3$	52 84 19	16 0 33	32	$\frac{\sqrt{3}}{3}$ (8.8), $\frac{\sqrt{3}}{2}$ (4.4), $\sqrt{3}$ (1.2), $\frac{2\sqrt{3}}{3}$ (1.1)
(2)	5	$\frac{\sqrt{7}}{2} \text{ cm}^2$	18 38 1	25 2 42	57	$\frac{\sqrt{6}}{2}$ (6.6), $\sqrt{3}$ (4.6), $\sqrt{2}$ (3.4), $\frac{\sqrt{3}}{2}$ (3.1)
(3)	5	$\frac{\sqrt{21}}{7} \text{ cm}$	8 14 0	41 25 57	51	1 (6.3), $\sqrt{3}$ (5.3), $\sqrt{2}$ (3.3)