

解答 基本練習（計算・方程式・関数）④

NO.	31	32	33	34	35
1	$-\frac{2}{15}$	-4	-7	$-\frac{1}{12}$	7
2	$a+6b$	$4ab^2$	$5x-6y+3$	$5a+10b$	$7a+b$
3	$9a-2b$	-1	$5x^2-y$	$30a^2$	$7a+2b$
4	$4-2\sqrt{3}$	$5x+11$	$9+\sqrt{5}$	$2+4\sqrt{2}$	$3-2\sqrt{5}$
5	$6x-31$	$\frac{5x-7}{12}$	$2x^2+4x+3$	$5x-15$	$2x-10$
6	$(x, y) = (1, 3)$	$(x, y) = (5, 2)$	$(x, y) = (7, 5)$	$(x, y) = (-1, -3)$	$(x, y) = (2, 1)$
7	$x = 7, -4$	$x = \pm 7$	$x = 4, -5$	$x = 8, 5$	$x = 9, -7$
8	$y = 5x$	$y = -\frac{27}{x}$	$y = \frac{1}{2}x$	$y = \frac{36}{x}$	$y = \frac{1}{2}x$
9	$y = 3x-1$	$y = -2x+7$	$y = 3x-4$	$y = 3x-7$	$y = -x+3$
10	$y = 5x^2$	$y = 2x^2$	$y = -2x^2$	$y = \frac{1}{3}x^2$	$y = 7x^2$

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NO.	36	37	38	39	40
1	13	$-\frac{2}{3}$	-4	-28	9
2	$9a^2$	$5x+11y$	$24ab$	$4x+7y+2$	$4a+9b$
3	3	$6a+b$	$8+\sqrt{7}$	$8x^2+x$	$49b^2$
4	$-x+3$	$2\sqrt{5}$	$-10x+34$	$6+5\sqrt{3}$	$6-5\sqrt{5}$
5	$\frac{4x+7}{15}$	$-x-7$	$\frac{2x+13}{20}$	-1	$10x+6$
6	$(x, y) = (3, -1)$	$(x, y) = (2, -3)$	$(x, y) = (4, 1)$	$(x, y) = (1, 3)$	$(x, y) = (2, 1)$
7	$x = \pm 10$	$x = 6, -3$	$x = 12, 2$	$x = 9$	$x = 9, -5$
8	$y = -\frac{30}{x}$	$y = -5x$	$y = \frac{32}{x}$	$y = -\frac{1}{2}x$	$y = -\frac{24}{x}$
9	$y = 2x - 9$	$y = -2x + 5$	$y = 3x - 11$	$y = -x + 6$	$y = \frac{1}{2}x + 2$
10	$y = -2x^2$	$y = 3x^2$	$y = 5x^2$	$y = -10x^2$	$y = 4x^2$