

2011年度第1回レベル8 模範解答

1	(1)	$5a+b$	(2)	a^2-a
	(3)	$6x+4y$	(4)	$-3a-4b$
	(5)	$9a-3b$	(6)	$3x+y$
2	(1)	$10x-15y$	(2)	$8a-12b$
	(3)	$-x+3y+2$	(4)	$2a+9b$
	(5)	$-2x+3y-z$	(6)	$10x^2-25xy+15y^2$
3	(1)	$6ab$	(2)	$-20xy$
	(3)	$-15mn$	(4)	$\frac{1}{4}ab$
	(5)	$2a$	(6)	$-14a$

4	(1)	$x=6, y=3$	(2)	$x=1, y=2$
	(3)	$x=3, y=1$	(4)	$a=5, b=-4$
5	(1)	$x=1, y=1$	(2)	$x=2, y=-1$
	(3)	$x=4, y=3$	(4)	$x=-1, y=2$
6	(1)	$\frac{7}{6}x-\frac{1}{4}y$	(2)	$4ab-8b$
	(3)	$5x-\frac{4}{5}y$	(4)	$x+4y-2$
	(5)	$m-6n$	(6)	$6a+2b$

7	(1)	$6x-11y$	(2)	$-x-4y$
	(3)	$x-9y$	(4)	$-7a+2b$
	(5)	$\frac{a-7b}{3}$	(6)	$\frac{4m+12n}{15}$
8	(1)	$-27x^3$	(2)	$-12a^3$
	(3)	$-7ab$	(4)	$\frac{1}{6}x^4y^3$
	(5)	$9x^3$	(6)	$-3y$
9	(1)	$x=-1, y=2$	(2)	$x=4, y=3$
	(3)	$x=-1, y=-5$		
10	(1)	$x=2, y=4$	(2)	$x=2, y=-1$
	(3)	$x=2, y=-6$		

11	(1)	$0.7x-0.6$	(2)	$-\frac{1}{6}a-\frac{5}{4}b$
	(3)	$\frac{11x+9y}{8}$	(4)	$-13x+6$
	(5)	$32a^8b$	(6)	$-6y^2$
12	(1)	$4a^2b-8ab^2+12ab$	(2)	$3x-1$
	(3)	$3x-6$	(4)	$11x^2y+24xy$
	(5)	$20a^2-4a$	(6)	$2xy$
13	(1)	$x=3, y=-2$	(2)	$x=5, y=-4$
	(3)	$x=3, y=2$		
14	(1)	$x=-3, y=-2$	(2)	$x=20, y=20$
	(3)	$x=-21, y=9$		