

2011年度 第2回 計算能力検定 Level8 解答

1	(1)	$4a-3b$	(2)	$2a^2-4a$
	(3)	$7x+3y$	(4)	$-5a-3b$
	(5)	$9a-4b$	(6)	$3x+5y$
2	(1)	$9x-6y$	(2)	$15a-20b$
	(3)	$-4x+y+2$	(4)	$2a+8b$
	(5)	$-3x+5y-2z$	(6)	$6x^2-18xy+12y^2$
3	(1)	$12ab$	(2)	$-14xy$
	(3)	$-8mn$	(4)	$\frac{1}{6}ab$
	(5)	$3b$	(6)	$-18a$

4	(1)	$x=3, y=5$	(2)	$x=-2, y=-2$
	(3)	$x=4, y=-1$	(4)	$a=3, b=-1$
5	(1)	$x=0, y=3$	(2)	$x=2, y=-3$
	(3)	$x=2, y=5$	(4)	$x=2, y=-1$
6	(1)	$\frac{13}{12}x-\frac{1}{4}y$	(2)	$2ab-10b$
	(3)	$2x-\frac{1}{6}y$	(4)	$x+6y-3$
	(5)	$-m-2n$	(6)	$4a$

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7	(1)	$7x-15y$	(2)	$-x-12y$
	(3)	$-6x-12y$	(4)	$2a-14b$
	(5)	$\frac{5a-4b}{3}$	(6)	$\frac{2m-n}{21}$
8	(1)	$-8x^3$	(2)	$-36a^3$
	(3)	$-4ab$	(4)	$\frac{1}{12}x^3y^4$
	(5)	$6x^2$	(6)	$-2xy$
9	(1)	$x=-2, y=3$	(2)	$x=2, y=3$
	(3)	$x=2, y=-3$		
10	(1)	$x=2, y=5$	(2)	$x=3, y=-1$
	(3)	$x=6, y=-4$		

11	(1)	$x-0.8$	(2)	$-\frac{3}{10}a-\frac{1}{6}b$
	(3)	$\frac{x+4y}{3}$	(4)	$-3x$
	(5)	$54a^9b^2$	(6)	-1
12	(1)	$2a^2b-3ab^2+ab$	(2)	$4x-3$
	(3)	$10x-15$	(4)	$4x^2y+15xy$
	(5)	$16a^2+10a$	(6)	$2x^2+2xy$
13	(1)	$x=2, y=-3$	(2)	$x=8, y=-2$
	(3)	$x=12, y=-6$		
14	(1)	$x=-2, y=-1$	(2)	$x=25, y=20$
	(3)	$x=6, y=4$		