

1

(1)	-5
(2)	-38
(3)	0
(4)	$-5x$
(5)	ab^3
(6)	$\frac{-x-5y}{6}$
(7)	$-\sqrt{3}$
(8)	$5+2\sqrt{6}$

2

(1)	-24
(2)	$x^2+3xy-10y^2$
(3)	$4x^2-25y^2$
(4)	$2x(2x+1)$
(5)	$(x-4)^2$
(6)	$x=3$
(7)	$x=1, 5$

3

120°

4

(1)	$12a^2$ (cm ²)
(2)	$2000-ax$ (円)
(3)	時速 $\frac{a}{2}$ (km)

7

x	6 cm
y	4 cm

5

550 (円)

8

(1)	$y=\frac{3}{4}x^2$
(2)	秒速 6 m
(3)	8.96 秒

6

$\angle x = 25^\circ$

9

3:2
