

1

(1)	$-15$
(2)	$28$
(3)	$6$
(4)	$-\frac{4}{5}$
(5)	$\frac{1}{3}$
(6)	$3\sqrt{3}$
(7)	$6$
(8)	$4x - 24$
(9)	$9x^2y$
(10)	$\frac{5x + y}{4}$

2

(1)	$a = \frac{b}{8c}$
(2)	$(x + 6)(x - 5)$
(3)	$\begin{cases} x = 2 \\ y = -3 \end{cases}$
(4)	$x = 9, -2$
(5)	$7$
(6)	$6$ (個)
(7)	$1$
(8)	$-4\sqrt{35}$
(9)	$x = 12$
(10)	$42$

3

$\angle BEC = 75^\circ$
-------------------------

4

(1)	$\frac{15}{4}$
(2)	$1 : 4$

5

$12\pi$ (cm <sup>2</sup> )
----------------------------

6

(1)	$a - 3$ (人)
(2)	$2a$ (g)
(3)	$\frac{7b}{60}$ (km)
(4)	$50a$ (円)
(5)	$\frac{a + b + c + 150}{5}$ (点)

7

(1)	$60$ (通り)
(2)	$24$ (通り)
(3)	$872$