

解答用紙

1	a)	-6
	b)	$\frac{4a+9b}{5}$
	c)	-1
	d)	8
	e)	$x=4, \quad y=7$
	f)	$\frac{9 \pm \sqrt{53}}{2}$
	g)	$-9 \leq y \leq 0$

2	a)	-15
	b)	$-\frac{17}{42}$
	c)	$27ab^3$
	d)	$\frac{7x+14y}{15}$
	e)	$11+2\sqrt{3}$

3	a)	$(x-14)(x-3)$
	b)	$x = \frac{-7 \pm \sqrt{29}}{10}$
	c)	24
	d)	297 個
	e)	18

4	a)	13
	b)	$y = -5x - 3$

5	a)	$0 \leq b \leq 4$
	b)	$y = -\frac{3}{2}x + 4$

6	a)	$a = \frac{2}{3}$
	b)	$m = -\frac{4}{7}, \quad n = -\frac{18}{7}$

7	a)	The graph shows two linear functions on a coordinate plane. The horizontal axis is labeled 'x (分後)' and ranges from 0 to 15 with major grid lines every 1 unit. The vertical axis is labeled 'y (km)' and ranges from 0 to 12 with major grid lines every 1 unit. One line starts at the origin (0,0) and passes through (10,9). The other line starts at (5,0) and also passes through (10,9). The lines intersect at the point (10, 9).
	b)	$5.2 \text{ 分後 (= 5 分 12 秒後)}$

1 問 4 点 $\times 25 = 100$ 点

点

入学年度	学部	学 科	組	番 号	検	フリガナ
						氏 名