

解答

**1. 公立高校入試の計算問題 1**  
(1) -11

(2) 14

(3)  $-6x - 12y + 10$ 

(4)  $y = \frac{-7x - 5}{5} \quad \left( y = -\frac{7}{5}x - 1 \right)$

(5)  $3\sqrt{3}$ (6)  $(x + 1)(x + 4)$ **2. 公立高校入試の計算問題 1**  
(1) 6

(2) 24

(3)  $-10x + 9y + 3$ 

(4)  $y = \frac{-6x + 7}{10} \quad \left( y = -\frac{3}{5}x + \frac{7}{10} \right)$

(5)  $3\sqrt{3}$ (6)  $(x + 2)(x + 6)$ **3. 公立高校入試の計算問題 1**  
(1) 13

(2) 12

(3)  $7x + 4y + 10$ 

(4)  $y = \frac{9x - 7}{9} \quad \left( y = x - \frac{7}{9} \right)$

(5)  $5\sqrt{6}$ (6)  $(x + 1)(x + 7)$ **4. 公立高校入試の計算問題 1**  
(1) -7

(2) 38

(3)  $9x + 7y - 2$ 

(4)  $y = \frac{-9x - 2}{3} \quad \left( y = -3x - \frac{2}{3} \right)$

(5)  $-\sqrt{3}$ (6)  $(x + 2)(x + 1)$ **5. 公立高校入試の計算問題 1**  
(1) -10(2)  $\frac{43}{2}$ (3)  $4x + 6y + 4$ 

(4)  $y = \frac{10x + 8}{10} \quad \left( y = x + \frac{4}{5} \right)$

(5)  $-\sqrt{3}$ (6)  $(x + 1)(x + 7)$ **6. 公立高校入試の計算問題 1**  
(1) 1(2)  $\frac{15}{2}$ (3)  $-8x + 3y - 4$ 

(4)  $y = \frac{-6x - 1}{3} \quad \left( y = -2x - \frac{1}{3} \right)$

(5)  $6\sqrt{7}$ (6)  $(x - 4)(x + 12)$

**7.** 公立高校入試の計算問題 1  
 (1) 0

(2) 18

(3)  $2x - 3y - 5$ 

(4)  $y = \frac{5x - 4}{12} \quad \left( y = \frac{5}{12}x - \frac{1}{3} \right)$

(5)  $\sqrt{3}$ (6)  $(x - 3)(x + 8)$ 

**8.** 公立高校入試の計算問題 1  
 (1) 14

(2) 37

(3)  $8x - 6y - 2$ 

(4)  $y = \frac{-8x + 3}{6} \quad \left( y = -\frac{4}{3}x + \frac{1}{2} \right)$

(5)  $6\sqrt{7}$ (6)  $(x - 3)(x + 10)$ 

**9.** 公立高校入試の計算問題 1  
 (1) -14

(2)  $\frac{41}{2}$

(3)  $x + 10y + 2$ 

(4)  $y = \frac{5x - 4}{4} \quad \left( y = \frac{5}{4}x - 1 \right)$

(5)  $3\sqrt{3}$ (6)  $(x + 3)(x + 1)$ 

**10.** 公立高校入試の計算問題 1  
 (1) 4

(2) 29

(3)  $6x - 7y - 8$ 

(4)  $y = \frac{-5x - 4}{6} \quad \left( y = -\frac{5}{6}x - \frac{2}{3} \right)$

(5)  $3\sqrt{3}$ (6)  $(x - 1)(x + 4)$ 

**11.** 公立高校入試の計算問題 1  
 (1) 10

(2) -1

(3)  $-2x - 4y - 4$ 

(4)  $y = \frac{6x - 2}{12} \quad \left( y = \frac{1}{2}x - \frac{1}{6} \right)$

(5)  $-2\sqrt{2}$ (6)  $(x - 1)(x + 8)$ 

**12.** 公立高校入試の計算問題 1  
 (1) 13

(2) 12

(3)  $3x - 5y + 6$ 

(4)  $y = \frac{6x + 3}{8} \quad \left( y = \frac{3}{4}x + \frac{3}{8} \right)$

(5)  $-3\sqrt{3}$ (6)  $(x - 4)(x + 7)$

**13. 公立高校入試の計算問題 1**  
(1) 3

(2)  $\frac{33}{2}$

(3)  $-2x - y - 2$

(4)  $y = \frac{8x - 7}{2} \quad \left( y = 4x - \frac{7}{2} \right)$

(5)  $-\sqrt{3}$

(6)  $(x + 2)(x + 5)$

**14. 公立高校入試の計算問題 1**  
(1) 5

(2) 17

(3)  $2x + 10y - 4$

(4)  $y = \frac{-8x - 1}{4} \quad \left( y = -2x - \frac{1}{4} \right)$

(5)  $4\sqrt{3}$

(6)  $(x - 2)(x + 6)$

**15. 公立高校入試の計算問題 1**  
(1) -12

(2) 11

(3)  $7x - 7y - 10$

(4)  $y = \frac{7x - 4}{12} \quad \left( y = \frac{7}{12}x - \frac{1}{3} \right)$

(5)  $2\sqrt{7}$

(6)  $(x + 1)(x + 2)$

**16. 公立高校入試の計算問題 1**  
(1) 15

(2) 12

(3)  $8x + 8y - 3$

(4)  $y = \frac{-3x - 7}{7} \quad \left( y = -\frac{3}{7}x - 1 \right)$

(5)  $-\sqrt{6}$

(6)  $(x - 2)(x + 4)$

**17. 公立高校入試の計算問題 1**  
(1) -8

(2) 9

(3)  $9x + 10y + 6$

(4)  $y = \frac{-6x + 8}{9} \quad \left( y = -\frac{2}{3}x + \frac{8}{9} \right)$

(5)  $\sqrt{6}$

(6)  $(x + 1)(x + 5)$

**18. 公立高校入試の計算問題 1**  
(1) 5

(2) 19

(3)  $-7x - 11y + 2$

(4)  $y = \frac{9x - 8}{3} \quad \left( y = 3x - \frac{8}{3} \right)$

(5)  $\sqrt{2}$

(6)  $(x + 4)(x + 1)$

**19.** 公立高校入試の計算問題 1  
(1) -9

(2) 24

(3)  $-x + 2y + 6$ 

(4)  $y = \frac{-10x - 6}{6} \quad \left( y = -\frac{5}{3}x - 1 \right)$

(5)  $-4\sqrt{3}$ (6)  $(x + 2)(x + 5)$ **20.** 公立高校入試の計算問題 1  
(1) 5

(2) 6

(3)  $6x - 4y - 6$ 

(4)  $y = \frac{-5x + 7}{5} \quad \left( y = -x + \frac{7}{5} \right)$

(5)  $-3\sqrt{3}$ (6)  $(x - 4)(x + 7)$ **21.** 公立高校入試の計算問題 1  
(1) 6

(2) 22

(3)  $4x - 8y - 6$ 

(4)  $y = \frac{-9x + 6}{8} \quad \left( y = -\frac{9}{8}x + \frac{3}{4} \right)$

(5)  $-2\sqrt{2}$ (6)  $(x - 3)(x + 11)$ **22.** 公立高校入試の計算問題 1  
(1) -10

(2) 12

(3)  $5x - 6y + 3$ 

(4)  $y = \frac{-6x - 1}{3} \quad \left( y = -2x - \frac{1}{3} \right)$

(5)  $7\sqrt{2}$ (6)  $(x - 2)(x + 10)$ **23.** 公立高校入試の計算問題 1  
(1) -1(2)  $\frac{39}{2}$ (3)  $10x - 14y + 4$ 

(4)  $y = \frac{9x + 6}{4} \quad \left( y = \frac{9}{4}x + \frac{3}{2} \right)$

(5)  $2\sqrt{6}$ (6)  $(x + 1)(x + 7)$ **24.** 公立高校入試の計算問題 1  
(1) 2

(2) 17

(3)  $4x - y + 6$ 

(4)  $y = \frac{7x - 5}{5} \quad \left( y = \frac{7}{5}x - 1 \right)$

(5)  $-\sqrt{3}$ (6)  $(x - 3)(x + 7)$

**25.** 公立高校入試の計算問題 1  
(1) 11

(2) 26

(3)  $5x + 9y + 6$ 

(4)  $y = \frac{3x+4}{10} \quad \left( y = \frac{3}{10}x + \frac{2}{5} \right)$

(5)  $-2\sqrt{3}$ (6)  $(x - 4)(x + 10)$ **26.** 公立高校入試の計算問題 1  
(1) 12

(2) 21

(3)  $4x + 3y - 3$ 

(4)  $y = \frac{10x-7}{7} \quad \left( y = \frac{10}{7}x - 1 \right)$

(5)  $-\sqrt{7}$ (6)  $(x - 1)(x + 8)$ **27.** 公立高校入試の計算問題 1  
(1) -10

(2) 16

(3)  $-7x - 14y + 4$ 

(4)  $y = \frac{-5x-4}{6} \quad \left( y = -\frac{5}{6}x - \frac{2}{3} \right)$

(5)  $-2\sqrt{6}$ (6)  $(x - 4)(x + 10)$ **28.** 公立高校入試の計算問題 1  
(1) -7

(2) 22

(3)  $9x + 14y + 3$ 

(4)  $y = \frac{4x+6}{6} \quad \left( y = \frac{2}{3}x + 1 \right)$

(5)  $10\sqrt{3}$ (6)  $(x - 4)(x + 11)$ **29.** 公立高校入試の計算問題 1  
(1) -14

(2) 20

(3)  $-9x - 7y - 2$ 

(4)  $y = \frac{-5x-6}{2} \quad \left( y = -\frac{5}{2}x - 3 \right)$

(5)  $-2\sqrt{3}$ (6)  $(x - 1)(x + 4)$ **30.** 公立高校入試の計算問題 1  
(1) 3(2)  $\frac{27}{2}$ (3)  $8x - 2y - 6$ 

(4)  $y = \frac{-4x+6}{3} \quad \left( y = -\frac{4}{3}x + 2 \right)$

(5)  $-\sqrt{3}$ (6)  $(x + 1)(x + 5)$

**31.** 公立高校入試の計算問題 1

---

(1) -6

(2) 33

(3)  $-9x + 11y + 6$ 

$$(4) y = \frac{3x+1}{12} \quad \left( y = \frac{1}{4}x + \frac{1}{12} \right)$$

(5)  $-\sqrt{2}$ (6)  $(x+1)(x+3)$ 

**32.** 公立高校入試の計算問題 1

---

(1) -16

(2) 11

(3)  $11x + 7y - 4$ 

$$(4) y = \frac{-5x-7}{5} \quad \left( y = -x - \frac{7}{5} \right)$$

(5)  $-2\sqrt{3}$ (6)  $(x+1)(x+2)$ 

**33.** 公立高校入試の計算問題 1

---

(1) -14

(2) 18

(3)  $7x + 8y + 2$ 

$$(4) y = \frac{-9x+4}{10} \quad \left( y = -\frac{9}{10}x + \frac{2}{5} \right)$$

(5)  $-2\sqrt{3}$ (6)  $(x+1)(x+4)$ 

**34.** 公立高校入試の計算問題 1

---

(1) -2

(2) 27

(3)  $5x - 10y + 6$ 

$$(4) y = \frac{3x-7}{12} \quad \left( y = \frac{1}{4}x - \frac{7}{12} \right)$$

(5)  $-\sqrt{3}$ (6)  $(x-3)(x+7)$ 

**35.** 公立高校入試の計算問題 1

---

(1) 2

(2) 14

(3)  $-6x + 8y + 3$ 

$$(4) y = \frac{6x+7}{4} \quad \left( y = \frac{3}{2}x + \frac{7}{4} \right)$$

(5)  $2\sqrt{3}$ (6)  $(x-1)(x+8)$ 

**36.** 公立高校入試の計算問題 1

---

(1) 7

(2) 10

(3)  $-9x + 2y - 6$ 

$$(4) y = \frac{-9x+4}{9} \quad \left( y = -x + \frac{4}{9} \right)$$

(5)  $4\sqrt{2}$ (6)  $(x-2)(x+7)$

**37.** 公立高校入試の計算問題 1

---

(1) 8

(2) 16

(3)  $14x + 5y - 8$ 

(4)  $y = \frac{10x + 1}{6} \quad \left( y = \frac{5}{3}x + \frac{1}{6} \right)$

(5)  $-7\sqrt{3}$ (6)  $(x + 4)(x - 1)$ 

**39.** 公立高校入試の計算問題 1

---

(1) 15

(2) 21

(3)  $11x - 13y - 5$ 

(4)  $y = \frac{-4x - 5}{5} \quad \left( y = -\frac{4}{5}x - 1 \right)$

(5)  $-3\sqrt{7}$ (6)  $(x + 4)(x + 1)$ 

**41.** 公立高校入試の計算問題 1

---

(1) 1

(2) 8

(3)  $-6x - 13y + 3$ 

(4)  $y = \frac{8x + 5}{10} \quad \left( y = \frac{4}{5}x + \frac{1}{2} \right)$

(5)  $3\sqrt{3}$ (6)  $(x - 3)(x + 10)$ 

**38.** 公立高校入試の計算問題 1

---

(1) 2

(2) 15

(3)  $-14x + 9y - 4$ 

(4)  $y = \frac{9x + 2}{4} \quad \left( y = \frac{9}{4}x + \frac{1}{2} \right)$

(5)  $-3\sqrt{3}$ (6)  $(x - 4)(x + 7)$ 

**40.** 公立高校入試の計算問題 1

---

(1) 17

(2) 13

(3)  $12x + 4y + 5$ 

(4)  $y = \frac{9x - 5}{12} \quad \left( y = \frac{3}{4}x - \frac{5}{12} \right)$

(5)  $8\sqrt{3}$ (6)  $(x + 2)(x + 6)$ 

**42.** 公立高校入試の計算問題 1

---

(1) -9

(2) 5

(3)  $-7x + 11y + 5$ 

(4)  $y = \frac{4x + 3}{9} \quad \left( y = \frac{4}{9}x + \frac{1}{3} \right)$

(5)  $3\sqrt{3}$ (6)  $(x - 4)(x + 10)$

**43.** 公立高校入試の計算問題 1  
 (1) -14

(2)  $\frac{29}{2}$

(3)  $-4x - 11y - 3$

(4)  $y = \frac{-3x - 8}{4} \quad \left( y = -\frac{3}{4}x - 2 \right)$

(5)  $-8\sqrt{5}$

(6)  $(x + 2)(x + 5)$

**45.** 公立高校入試の計算問題 1  
 (1) -8

(2) 20

(3)  $-5x + 10y + 12$

(4)  $y = \frac{8x + 3}{12} \quad \left( y = \frac{2}{3}x + \frac{1}{4} \right)$

(5)  $\sqrt{5}$

(6)  $(x - 1)(x + 8)$

**47.** 公立高校入試の計算問題 1  
 (1) -3

(2) 14

(3)  $3x + y + 4$

(4)  $y = \frac{8x - 2}{8} \quad \left( y = x - \frac{1}{4} \right)$

(5)  $-10\sqrt{2}$

(6)  $(x - 3)(x + 6)$

**44.** 公立高校入試の計算問題 1  
 (1) 5

(2) 15

(3)  $9x + 10y + 4$

(4)  $y = \frac{-9x - 8}{6} \quad \left( y = -\frac{3}{2}x - \frac{4}{3} \right)$

(5)  $-\sqrt{3}$

(6)  $(x + 2)(x + 6)$

**46.** 公立高校入試の計算問題 1  
 (1) -3

(2) 23

(3)  $4x + 9y - 3$

(4)  $y = \frac{-3x + 6}{4} \quad \left( y = -\frac{3}{4}x + \frac{3}{2} \right)$

(5)  $8\sqrt{3}$

(6)  $(x + 1)(x + 5)$

**48.** 公立高校入試の計算問題 1  
 (1) 0

(2) 18

(3)  $7x + 10y + 4$

(4)  $y = \frac{-3x - 8}{9} \quad \left( y = -\frac{1}{3}x - \frac{8}{9} \right)$

(5)  $-5\sqrt{3}$

(6)  $(x - 1)(x + 4)$

**49.** 公立高校入試の計算問題1  
 (1) -18

(2) 16

(3)  $12x + 8y - 6$ 

$$(4) y = \frac{9x - 5}{3} \quad \left( y = 3x - \frac{5}{3} \right)$$

(5)  $-4\sqrt{6}$ (6)  $(x - 2)(x + 9)$ 

**50.** 公立高校入試の計算問題1  
 (1) 12

(2) 8

(3)  $2x + 7y + 3$ 

$$(4) y = \frac{4x + 3}{3} \quad \left( y = \frac{4}{3}x + 1 \right)$$

(5)  $9\sqrt{6}$ (6)  $(x - 2)(x + 9)$ 

**51.** 公立高校入試の計算問題1  
 (1) 10

(2) 35

(3)  $-12x + 12y - 10$ 

$$(4) y = \frac{-4x + 6}{9} \quad \left( y = -\frac{4}{9}x + \frac{2}{3} \right)$$

(5)  $\sqrt{2}$ (6)  $(x + 2)(x + 4)$ 

**52.** 公立高校入試の計算問題1  
 (1) 9

(2) 20

(3)  $-6x + 9y - 5$ 

$$(4) y = \frac{8x + 2}{8} \quad \left( y = x + \frac{1}{4} \right)$$

(5)  $2\sqrt{6}$ (6)  $(x + 1)(x + 7)$ 

**53.** 公立高校入試の計算問題1  
 (1) -8

(2) 23

(3)  $2x - 2y + 4$ 

$$(4) y = \frac{-3x - 2}{6} \quad \left( y = -\frac{1}{2}x - \frac{1}{3} \right)$$

(5)  $4\sqrt{2}$ (6)  $(x - 3)(x + 10)$ 

**54.** 公立高校入試の計算問題1  
 (1) -2

(2) 18

(3)  $8x + 7y - 3$ 

$$(4) y = \frac{7x + 4}{6} \quad \left( y = \frac{7}{6}x + \frac{2}{3} \right)$$

(5)  $-2\sqrt{3}$ (6)  $(x + 1)(x + 4)$

**55.** 公立高校入試の計算問題1  
 (1) 6

(2) 24

(3)  $5x + 5y + 2$ 

(4)  $y = \frac{7x - 8}{4} \quad \left( y = \frac{7}{4}x - 2 \right)$

(5)  $-4\sqrt{5}$ (6)  $(x + 3)(x + 1)$ 

**56.** 公立高校入試の計算問題1  
 (1) 11

(2)  $\frac{15}{2}$ (3)  $4x + 4y - 3$ 

(4)  $y = \frac{-6x + 4}{9} \quad \left( y = -\frac{2}{3}x + \frac{4}{9} \right)$

(5)  $5\sqrt{6}$ (6)  $(x - 1)(x + 3)$ 

**57.** 公立高校入試の計算問題1  
 (1) 5

(2) 15

(3)  $7x + 10y - 4$ 

(4)  $y = \frac{-6x + 4}{9} \quad \left( y = -\frac{2}{3}x + \frac{4}{9} \right)$

(5)  $4\sqrt{2}$ (6)  $(x - 4)(x + 7)$ 

**58.** 公立高校入試の計算問題1  
 (1) -8

(2)  $\frac{21}{2}$ (3)  $-10x - 11y - 4$ 

(4)  $y = \frac{4x - 2}{12} \quad \left( y = \frac{1}{3}x - \frac{1}{6} \right)$

(5)  $5\sqrt{2}$ (6)  $(x + 1)(x + 2)$ 

**59.** 公立高校入試の計算問題1  
 (1) 16

(2) 19

(3)  $6x - 3y - 4$ 

(4)  $y = \frac{8x - 5}{6} \quad \left( y = \frac{4}{3}x - \frac{5}{6} \right)$

(5)  $-2\sqrt{2}$ (6)  $(x + 2)(x + 5)$ 

**60.** 公立高校入試の計算問題1  
 (1) -13

(2) 15

(3)  $6x + 11y - 10$ 

(4)  $y = \frac{-5x - 2}{10} \quad \left( y = -\frac{1}{2}x - \frac{1}{5} \right)$

(5)  $4\sqrt{3}$ (6)  $(x + 2)(x + 1)$

**61.** 公立高校入試の計算問題 1

---

(1) -11

(2) 1

(3)  $9x + 7y + 6$ 

(4)  $y = \frac{5x+3}{3}$   $\left( y = \frac{5}{3}x + 1 \right)$

(5)  $4\sqrt{5}$ (6)  $(x-4)(x+8)$ 

**62.** 公立高校入試の計算問題 1

---

(1) 5

(2) 19

(3)  $-5x - 5y - 2$ 

(4)  $y = \frac{-3x-1}{12}$   $\left( y = -\frac{1}{4}x - \frac{1}{12} \right)$

(5)  $-2\sqrt{2}$ (6)  $(x+1)(x+6)$ 

**63.** 公立高校入試の計算問題 1

---

(1) -11

(2) 14

(3)  $5x - 3y + 4$ 

(4)  $y = \frac{-8x+7}{2}$   $\left( y = -4x + \frac{7}{2} \right)$

(5)  $-3\sqrt{6}$ (6)  $(x+1)(x+7)$ 

**64.** 公立高校入試の計算問題 1

---

(1) -5

(2) 19

(3)  $-3x - 10y + 2$ 

(4)  $y = \frac{-3x+2}{12}$   $\left( y = -\frac{1}{4}x + \frac{1}{6} \right)$

(5)  $5\sqrt{3}$ (6)  $(x-1)(x+9)$ 

**65.** 公立高校入試の計算問題 1

---

(1) 4

(2) 14

(3)  $-10x - 8y - 8$ 

(4)  $y = \frac{8x+6}{6}$   $\left( y = \frac{4}{3}x + 1 \right)$

(5)  $\sqrt{5}$ (6)  $(x-4)(x+10)$ 

**66.** 公立高校入試の計算問題 1

---

(1) 3

(2) 8

(3)  $-12x - 10y - 3$ 

(4)  $y = \frac{-3x-5}{5}$   $\left( y = -\frac{3}{5}x - 1 \right)$

(5)  $-\sqrt{6}$ (6)  $(x-2)(x+5)$

**67.** 公立高校入試の計算問題 1  
 (1) 8

(2) 27

(3)  $-2x + 7y - 4$ 

$$(4) y = \frac{-3x - 2}{10} \quad \left( y = -\frac{3}{10}x - \frac{1}{5} \right)$$

(5)  $-3\sqrt{3}$ (6)  $(x + 3)(x + 5)$ 

**69.** 公立高校入試の計算問題 1  
 (1) -5

(2) 10

(3)  $7x + 8y - 3$ 

$$(4) y = \frac{-10x + 7}{5} \quad \left( y = -2x + \frac{7}{5} \right)$$

(5)  $4\sqrt{2}$ (6)  $(x + 1)(x + 7)$ 

**71.** 公立高校入試の計算問題 1  
 (1) 9

(2) 30

(3)  $-11x + 14y + 3$ 

$$(4) y = \frac{6x + 8}{8} \quad \left( y = \frac{3}{4}x + 1 \right)$$

(5)  $-\sqrt{3}$ (6)  $(x - 4)(x + 9)$ 

**68.** 公立高校入試の計算問題 1  
 (1) -2

(2) 24

(3)  $2x + 2y - 5$ 

$$(4) y = \frac{-10x + 5}{8} \quad \left( y = -\frac{5}{4}x + \frac{5}{8} \right)$$

(5)  $2\sqrt{2}$ (6)  $(x - 3)(x + 9)$ 

**70.** 公立高校入試の計算問題 1  
 (1) -14

(2) 3

(3)  $-2x + 9y + 5$ 

$$(4) y = \frac{-10x - 3}{10} \quad \left( y = -x - \frac{3}{10} \right)$$

(5)  $4\sqrt{7}$ (6)  $(x - 3)(x + 9)$ 

**72.** 公立高校入試の計算問題 1  
 (1) -4

(2) 22

(3)  $10x - 9y + 4$ 

$$(4) y = \frac{-3x + 1}{6} \quad \left( y = -\frac{1}{2}x + \frac{1}{6} \right)$$

(5)  $3\sqrt{5}$ (6)  $(x + 4)(x + 3)$

**73.** 公立高校入試の計算問題 1  
 (1) 8

(2)  $\frac{29}{2}$

(3)  $11x - 9y - 6$

(4)  $y = \frac{9x + 8}{10} \quad \left( y = \frac{9}{10}x + \frac{4}{5} \right)$

(5)  $-5\sqrt{5}$

(6)  $(x + 1)(x + 6)$

**74.** 公立高校入試の計算問題 1  
 (1) 13

(2) 23

(3)  $-7x - 3y - 4$

(4)  $y = \frac{-3x + 1}{9} \quad \left( y = -\frac{1}{3}x + \frac{1}{9} \right)$

(5)  $8\sqrt{3}$

(6)  $(x - 3)(x + 6)$

**75.** 公立高校入試の計算問題 1  
 (1) -5

(2) 22

(3)  $7x + 13y + 5$

(4)  $y = \frac{4x - 5}{8} \quad \left( y = \frac{1}{2}x - \frac{5}{8} \right)$

(5)  $-4\sqrt{3}$

(6)  $(x + 4)(x + 3)$

**76.** 公立高校入試の計算問題 1  
 (1) -16

(2) 25

(3)  $7x + 4y - 2$

(4)  $y = \frac{-9x + 5}{9} \quad \left( y = -x + \frac{5}{9} \right)$

(5)  $3\sqrt{5}$

(6)  $(x - 2)(x + 8)$

**77.** 公立高校入試の計算問題 1  
 (1) -4

(2) 36

(3)  $-8x + 11y - 5$

(4)  $y = \frac{-9x + 4}{9} \quad \left( y = -x + \frac{4}{9} \right)$

(5)  $-7\sqrt{7}$

(6)  $(x - 3)(x + 8)$

**78.** 公立高校入試の計算問題 1  
 (1) -3

(2) 17

(3)  $13x - 6y - 8$

(4)  $y = \frac{7x + 6}{2} \quad \left( y = \frac{7}{2}x + 3 \right)$

(5)  $\sqrt{3}$

(6)  $(x - 2)(x + 5)$

**79.** 公立高校入試の計算問題 1  
 (1) 6

(2) 19

(3)  $-7x - 3y + 6$ 

$$(4) y = \frac{6x + 7}{12} \quad \left( y = \frac{1}{2}x + \frac{7}{12} \right)$$

(5)  $-2\sqrt{3}$ (6)  $(x + 2)(x + 4)$ 

**81.** 公立高校入試の計算問題 1  
 (1) 11

$$(2) \frac{41}{2}$$

(3)  $-11x - 14y + 4$ 

$$(4) y = \frac{-4x - 2}{8} \quad \left( y = -\frac{1}{2}x - \frac{1}{4} \right)$$

(5)  $-3\sqrt{3}$ (6)  $(x - 3)(x + 5)$ 

**83.** 公立高校入試の計算問題 1  
 (1) -5

(2) 10

(3)  $-3x - 2y + 4$ 

$$(4) y = \frac{-6x - 1}{2} \quad \left( y = -3x - \frac{1}{2} \right)$$

(5)  $4\sqrt{7}$ (6)  $(x - 1)(x + 8)$ 

**80.** 公立高校入試の計算問題 1  
 (1) 7

(2) 16

(3)  $-5x + 12y + 8$ 

$$(4) y = \frac{10x - 5}{2} \quad \left( y = 5x - \frac{5}{2} \right)$$

(5)  $9\sqrt{6}$ (6)  $(x - 3)(x + 8)$ 

**82.** 公立高校入試の計算問題 1  
 (1) -12

(2) 17

(3)  $-10x - 13y + 6$ 

$$(4) y = \frac{-6x + 7}{10} \quad \left( y = -\frac{3}{5}x + \frac{7}{10} \right)$$

(5)  $-2\sqrt{5}$ (6)  $(x - 3)(x + 6)$ 

**84.** 公立高校入試の計算問題 1  
 (1) -4

(2) 27

(3)  $-12x - 12y - 10$ 

$$(4) y = \frac{-3x + 8}{10} \quad \left( y = -\frac{3}{10}x + \frac{4}{5} \right)$$

(5)  $-3\sqrt{3}$ (6)  $(x + 2)(x + 1)$

**85.** 公立高校入試の計算問題 1

---

(1) 16

(2) 7

(3)  $8x - 7y + 3$ 

$$(4) y = \frac{7x - 6}{4} \quad \left( y = \frac{7}{4}x - \frac{3}{2} \right)$$

(5)  $-2\sqrt{3}$ (6)  $(x - 1)(x + 3)$ 

**87.** 公立高校入試の計算問題 1

---

(1) 10

(2) -1

(3)  $-3x - 12y + 10$ 

$$(4) y = \frac{10x + 2}{10} \quad \left( y = x + \frac{1}{5} \right)$$

(5)  $-4\sqrt{3}$ (6)  $(x + 1)(x + 4)$ 

**89.** 公立高校入試の計算問題 1

---

(1) -1

(2) 13

(3)  $-10x - 12y - 6$ 

$$(4) y = \frac{4x + 3}{9} \quad \left( y = \frac{4}{9}x + \frac{1}{3} \right)$$

(5)  $-8\sqrt{3}$ (6)  $(x + 1)(x + 4)$ 

**86.** 公立高校入試の計算問題 1

---

(1) 8

(2) 5

(3)  $-11x - 8y + 4$ 

$$(4) y = \frac{4x + 3}{12} \quad \left( y = \frac{1}{3}x + \frac{1}{4} \right)$$

(5)  $-5\sqrt{2}$ (6)  $(x - 1)(x + 8)$ 

**88.** 公立高校入試の計算問題 1

---

(1) -3

(2)  $\frac{51}{2}$ (3)  $5x - 7y + 8$ 

$$(4) y = \frac{-9x - 4}{12} \quad \left( y = -\frac{3}{4}x - \frac{1}{3} \right)$$

(5)  $6\sqrt{3}$ (6)  $(x - 4)(x + 11)$ 

**90.** 公立高校入試の計算問題 1

---

(1) -5

(2) 11

(3)  $-7x - y + 2$ 

$$(4) y = \frac{8x - 3}{8} \quad \left( y = x - \frac{3}{8} \right)$$

(5)  $-2\sqrt{2}$ (6)  $(x - 1)(x + 9)$

**91.** 公立高校入試の計算問題 1  
 (1) 15

(2) 8

(3)  $x - 8y - 3$ 

(4)  $y = \frac{-10x + 1}{8} \quad \left( y = -\frac{5}{4}x + \frac{1}{8} \right)$

(5)  $-7\sqrt{3}$ (6)  $(x + 4)(x + 1)$ 

**92.** 公立高校入試の計算問題 1  
 (1) 8

(2)  $\frac{39}{2}$ (3)  $8x - 12y - 3$ 

(4)  $y = \frac{-6x - 5}{6} \quad \left( y = -x - \frac{5}{6} \right)$

(5)  $2\sqrt{3}$ (6)  $(x - 3)(x + 8)$ 

**93.** 公立高校入試の計算問題 1  
 (1) 5

(2) 14

(3)  $3x + 2y - 4$ 

(4)  $y = \frac{-6x + 4}{12} \quad \left( y = -\frac{1}{2}x + \frac{1}{3} \right)$

(5)  $-3\sqrt{7}$ (6)  $(x - 1)(x + 7)$ 

**94.** 公立高校入試の計算問題 1  
 (1) -16

(2) 23

(3)  $-3x - 2y - 4$ 

(4)  $y = \frac{-8x + 3}{3} \quad \left( y = -\frac{8}{3}x + 1 \right)$

(5)  $-4\sqrt{2}$ (6)  $(x - 2)(x + 7)$ 

**95.** 公立高校入試の計算問題 1  
 (1) 1

(2)  $\frac{43}{2}$ (3)  $5x + 6y - 4$ 

(4)  $y = \frac{6x - 5}{12} \quad \left( y = \frac{1}{2}x - \frac{5}{12} \right)$

(5)  $-5\sqrt{3}$ (6)  $(x - 4)(x + 11)$ 

**96.** 公立高校入試の計算問題 1  
 (1) -3

(2) 8

(3)  $-4x + 11y + 12$ 

(4)  $y = \frac{-3x + 2}{6} \quad \left( y = -\frac{1}{2}x + \frac{1}{3} \right)$

(5)  $-5\sqrt{5}$ (6)  $(x + 1)(x + 7)$

**97.** 公立高校入試の計算問題1  
 (1) 13

(2) 26

(3)  $8x + 2y + 3$ 

$$(4) y = \frac{4x - 5}{6} \quad \left( y = \frac{2}{3}x - \frac{5}{6} \right)$$

(5)  $4\sqrt{7}$ (6)  $(x - 4)(x + 9)$ 

**98.** 公立高校入試の計算問題1  
 (1) -1

(2) 36

(3)  $x - 4y - 2$ 

$$(4) y = \frac{6x + 8}{9} \quad \left( y = \frac{2}{3}x + \frac{8}{9} \right)$$

(5)  $10\sqrt{6}$ (6)  $(x - 2)(x + 9)$ 

**99.** 公立高校入試の計算問題1  
 (1) -6

(2) 14

(3)  $-9x - 12y + 4$ 

$$(4) y = \frac{8x - 1}{4} \quad \left( y = 2x - \frac{1}{4} \right)$$

(5)  $\sqrt{3}$ (6)  $(x + 1)(x + 4)$ 

**100.** 公立高校入試の計算問題1  
 (1) -5

(2) 29

(3)  $-10x + 4y + 6$ 

$$(4) y = \frac{3x + 5}{6} \quad \left( y = \frac{1}{2}x + \frac{5}{6} \right)$$

(5)  $-2\sqrt{3}$ (6)  $(x - 4)(x + 12)$ 

**101.** 公立高校入試の計算問題1  
 (1) -3

(2) 24

(3)  $4x - 9y + 5$ 

$$(4) y = \frac{9x - 4}{2} \quad \left( y = \frac{9}{2}x - 2 \right)$$

(5)  $-3\sqrt{3}$ (6)  $(x + 4)(x + 2)$ 

**102.** 公立高校入試の計算問題1  
 (1) -15

(2) 11

(3)  $13x - 9y - 5$ 

$$(4) y = \frac{-4x + 3}{8} \quad \left( y = -\frac{1}{2}x + \frac{3}{8} \right)$$

(5)  $-\sqrt{3}$ (6)  $(x + 3)(x + 4)$

**103.** 公立高校入試の計算問題 1  
 (1) 11

(2)  $\frac{35}{2}$

(3)  $-3x - 6y - 6$

(4)  $y = \frac{-5x - 3}{5} \quad \left( y = -x - \frac{3}{5} \right)$

(5)  $-4\sqrt{7}$

(6)  $(x + 3)(x + 2)$

**104.** 公立高校入試の計算問題 1  
 (1) -9

(2) 29

(3)  $x - y + 3$

(4)  $y = \frac{-5x - 3}{6} \quad \left( y = -\frac{5}{6}x - \frac{1}{2} \right)$

(5)  $-4\sqrt{3}$

(6)  $(x - 3)(x + 7)$

**105.** 公立高校入試の計算問題 1  
 (1) 6

(2) 10

(3)  $13x - 6y - 8$

(4)  $y = \frac{10x + 7}{8} \quad \left( y = \frac{5}{4}x + \frac{7}{8} \right)$

(5)  $-4\sqrt{2}$

(6)  $(x - 2)(x + 9)$

**106.** 公立高校入試の計算問題 1  
 (1) 6

(2)  $\frac{37}{2}$

(3)  $-7x - y - 6$

(4)  $y = \frac{10x - 4}{12} \quad \left( y = \frac{5}{6}x - \frac{1}{3} \right)$

(5)  $\sqrt{3}$

(6)  $(x - 3)(x + 5)$

**107.** 公立高校入試の計算問題 1  
 (1) 7

(2) 6

(3)  $-11x - 9y - 6$

(4)  $y = \frac{-9x + 8}{4} \quad \left( y = -\frac{9}{4}x + 2 \right)$

(5)  $\sqrt{3}$

(6)  $(x + 4)(x - 2)$

**108.** 公立高校入試の計算問題 1  
 (1) -14

(2)  $\frac{35}{2}$

(3)  $3x + 2y - 2$

(4)  $y = \frac{9x + 7}{6} \quad \left( y = \frac{3}{2}x + \frac{7}{6} \right)$

(5)  $-2\sqrt{3}$

(6)  $(x - 2)(x + 10)$

**109.** 公立高校入試の計算問題 1

---

(1) -6

(2) 16

(3)  $9x + 4y + 8$ 

$$(4) y = \frac{-7x + 4}{10} \quad \left( y = -\frac{7}{10}x + \frac{2}{5} \right)$$

(5)  $\sqrt{6}$ (6)  $(x + 2)(x + 6)$ 

**110.** 公立高校入試の計算問題 1

---

(1) -7

(2) 12

(3)  $7x + 6y - 2$ 

$$(4) y = \frac{-3x - 8}{2} \quad \left( y = -\frac{3}{2}x - 4 \right)$$

(5)  $-3\sqrt{2}$ (6)  $(x - 3)(x + 10)$ 

**111.** 公立高校入試の計算問題 1

---

(1) -10

(2) 11

(3)  $4x - 5y - 6$ 

$$(4) y = \frac{3x - 2}{12} \quad \left( y = \frac{1}{4}x - \frac{1}{6} \right)$$

(5)  $-6\sqrt{3}$ (6)  $(x - 1)(x + 9)$ 

**112.** 公立高校入試の計算問題 1

---

(1) -7

(2)  $\frac{37}{2}$ (3)  $-x + 2y - 4$ 

$$(4) y = \frac{-5x + 6}{5} \quad \left( y = -x + \frac{6}{5} \right)$$

(5)  $\sqrt{5}$ (6)  $(x + 1)(x + 3)$ 

**113.** 公立高校入試の計算問題 1

---

(1) -9

(2)  $\frac{31}{2}$ (3)  $9x - 7y + 5$ 

$$(4) y = \frac{-5x - 7}{5} \quad \left( y = -x - \frac{7}{5} \right)$$

(5)  $-\sqrt{7}$ (6)  $(x + 4)(x - 2)$ 

**114.** 公立高校入試の計算問題 1

---

(1) -3

(2) 20

(3)  $-2x - 4y + 3$ 

$$(4) y = \frac{-3x + 2}{2} \quad \left( y = -\frac{3}{2}x + 1 \right)$$

(5)  $-\sqrt{3}$ (6)  $(x - 4)(x + 12)$

**115.** 公立高校入試の計算問題 1

(1) -4

(2) 30

(3)  $8x - 4y + 6$ 

$$(4) y = \frac{6x - 4}{12} \quad \left( y = \frac{1}{2}x - \frac{1}{3} \right)$$

(5)  $2\sqrt{5}$ (6)  $(x - 4)(x + 9)$ **116.** 公立高校入試の計算問題 1

(1) 5

(2) 21

(3)  $-14x - 7y - 10$ 

$$(4) y = \frac{7x + 6}{7} \quad \left( y = x + \frac{6}{7} \right)$$

(5)  $2\sqrt{6}$ (6)  $(x - 2)(x + 5)$ **117.** 公立高校入試の計算問題 1

(1) 3

(2) 26

(3)  $5x + 9y - 4$ 

$$(4) y = \frac{8x - 5}{10} \quad \left( y = \frac{4}{5}x - \frac{1}{2} \right)$$

(5)  $-\sqrt{2}$ (6)  $(x - 2)(x + 10)$ **118.** 公立高校入試の計算問題 1

(1) -13

(2)  $\frac{39}{2}$ (3)  $5x + 12y - 8$ 

$$(4) y = \frac{10x - 4}{10} \quad \left( y = x - \frac{2}{5} \right)$$

(5)  $4\sqrt{3}$ (6)  $(x - 2)(x + 6)$ **119.** 公立高校入試の計算問題 1

(1) -3

(2) 22

(3)  $-2x - 7y - 10$ 

$$(4) y = \frac{10x + 5}{2} \quad \left( y = 5x + \frac{5}{2} \right)$$

(5)  $-\sqrt{7}$ (6)  $(x - 4)(x + 11)$ **120.** 公立高校入試の計算問題 1

(1) -2

(2) 12

(3)  $-7x - 5y + 6$ 

$$(4) y = \frac{-9x + 2}{10} \quad \left( y = -\frac{9}{10}x + \frac{1}{5} \right)$$

(5)  $3\sqrt{3}$ (6)  $(x - 4)(x + 10)$

**121.** 公立高校入試の計算問題 1

(1) -6

(2) 11

(3)  $11x - 13y + 6$ 

(4)  $y = \frac{-10x - 3}{4} \quad \left( y = -\frac{5}{2}x - \frac{3}{4} \right)$

(5)  $-2\sqrt{2}$ (6)  $(x + 1)(x + 5)$ **123.** 公立高校入試の計算問題 1

(1) 9

(2)  $\frac{37}{2}$ (3)  $x + 2y + 4$ 

(4)  $y = \frac{-10x - 5}{8} \quad \left( y = -\frac{5}{4}x - \frac{5}{8} \right)$

(5)  $-9\sqrt{3}$ (6)  $(x - 4)(x + 8)$ **125.** 公立高校入試の計算問題 1

(1) -8

(2) 19

(3)  $6x + 13y - 6$ 

(4)  $y = \frac{-6x + 5}{8} \quad \left( y = -\frac{3}{4}x + \frac{5}{8} \right)$

(5)  $3\sqrt{6}$ (6)  $(x + 3)(x + 4)$ **122.** 公立高校入試の計算問題 1

(1) -2

(2) 14

(3)  $7x + 8y - 10$ 

(4)  $y = \frac{-6x - 2}{9} \quad \left( y = -\frac{2}{3}x - \frac{2}{9} \right)$

(5)  $-3\sqrt{5}$ (6)  $(x - 3)(x + 5)$ **124.** 公立高校入試の計算問題 1

(1) -11

(2) 24

(3)  $7x - y - 5$ 

(4)  $y = \frac{-3x + 2}{8} \quad \left( y = -\frac{3}{8}x + \frac{1}{4} \right)$

(5)  $4\sqrt{3}$ (6)  $(x - 4)(x + 9)$ **126.** 公立高校入試の計算問題 1

(1) -13

(2)  $\frac{37}{2}$ (3)  $-2x + 6y + 8$ 

(4)  $y = \frac{-8x + 7}{4} \quad \left( y = -2x + \frac{7}{4} \right)$

(5)  $2\sqrt{3}$ (6)  $(x - 3)(x + 8)$

**127.** 公立高校入試の計算問題 1  
(1) -3

(2) 5

(3)  $-14x - 3y - 5$ 

(4)  $y = \frac{8x + 2}{12} \quad \left( y = \frac{2}{3}x + \frac{1}{6} \right)$

(5)  $2\sqrt{3}$ (6)  $(x + 1)(x + 4)$ **128.** 公立高校入試の計算問題 1  
(1) 11

(2) 4

(3)  $6x + 3y + 3$ 

(4)  $y = \frac{-8x - 1}{10} \quad \left( y = -\frac{4}{5}x - \frac{1}{10} \right)$

(5)  $-3\sqrt{7}$ (6)  $(x - 1)(x + 4)$ **129.** 公立高校入試の計算問題 1  
(1) 4

(2) 40

(3)  $-10x - 13y + 4$ 

(4)  $y = \frac{8x + 1}{2} \quad \left( y = 4x + \frac{1}{2} \right)$

(5)  $-4\sqrt{6}$ (6)  $(x - 1)(x + 7)$ **130.** 公立高校入試の計算問題 1  
(1) -8

(2) 21

(3)  $-7x - 6y - 3$ 

(4)  $y = \frac{-8x + 5}{6} \quad \left( y = -\frac{4}{3}x + \frac{5}{6} \right)$

(5)  $-\sqrt{2}$ (6)  $(x + 4)(x + 3)$ **131.** 公立高校入試の計算問題 1  
(1) 18(2)  $\frac{27}{2}$ (3)  $9x + 11y - 8$ 

(4)  $y = \frac{4x - 7}{2} \quad \left( y = 2x - \frac{7}{2} \right)$

(5)  $-\sqrt{3}$ (6)  $(x + 4)(x + 2)$ **132.** 公立高校入試の計算問題 1  
(1) 6

(2) 10

(3)  $-3x + 5y - 2$ 

(4)  $y = \frac{5x + 4}{10} \quad \left( y = \frac{1}{2}x + \frac{2}{5} \right)$

(5)  $-3\sqrt{6}$ (6)  $(x + 3)(x + 2)$

**133.** 公立高校入試の計算問題 1

---

(1) -12

(2)  $\frac{7}{2}$

(3)  $7x + 7y + 6$

(4)  $y = \frac{3x+4}{8} \quad \left( y = \frac{3}{8}x + \frac{1}{2} \right)$

(5)  $3\sqrt{5}$

(6)  $(x+2)(x+3)$

**134.** 公立高校入試の計算問題 1

---

(1) -8

(2) 25

(3)  $-3x - 9y - 3$

(4)  $y = \frac{-3x+5}{5} \quad \left( y = -\frac{3}{5}x + 1 \right)$

(5)  $2\sqrt{2}$

(6)  $(x+1)(x+4)$

**135.** 公立高校入試の計算問題 1

---

(1) 6

(2) 26

(3)  $3x - 11y + 5$

(4)  $y = \frac{9x+7}{7} \quad \left( y = \frac{9}{7}x + 1 \right)$

(5)  $\sqrt{3}$

(6)  $(x+3)(x-1)$

**136.** 公立高校入試の計算問題 1

---

(1) -5

(2) 20

(3)  $10x - 9y - 4$

(4)  $y = \frac{6x+7}{6} \quad \left( y = x + \frac{7}{6} \right)$

(5)  $-5\sqrt{6}$

(6)  $(x+3)(x+4)$

**137.** 公立高校入試の計算問題 1

---

(1) -3

(2) 31

(3)  $-8x + 5y + 3$

(4)  $y = \frac{10x+3}{10} \quad \left( y = x + \frac{3}{10} \right)$

(5)  $-5\sqrt{2}$

(6)  $(x-1)(x+6)$

**138.** 公立高校入試の計算問題 1

---

(1) -1

(2)  $\frac{33}{2}$

(3)  $4x + 9y + 6$

(4)  $y = \frac{8x+2}{4} \quad \left( y = 2x + \frac{1}{2} \right)$

(5)  $\sqrt{3}$

(6)  $(x+1)(x+6)$

**139.** 公立高校入試の計算問題 1

---

(1) 9

(2) 24

(3)  $7x - 13y + 10$ 

$$(4) y = \frac{-10x - 8}{12} \quad \left( y = -\frac{5}{6}x - \frac{2}{3} \right)$$

(5)  $2\sqrt{3}$ (6)  $(x - 2)(x + 8)$ 

**140.** 公立高校入試の計算問題 1

---

(1) 12

(2) 23

(3)  $6x + 8y - 6$ 

$$(4) y = \frac{-9x - 4}{12} \quad \left( y = -\frac{3}{4}x - \frac{1}{3} \right)$$

(5)  $-\sqrt{7}$ (6)  $(x - 2)(x + 10)$ 

**141.** 公立高校入試の計算問題 1

---

(1) 4

$$(2) \frac{17}{2}$$

(3)  $-11x - 11y + 3$ 

$$(4) y = \frac{-6x - 1}{9} \quad \left( y = -\frac{2}{3}x - \frac{1}{9} \right)$$

(5)  $-3\sqrt{2}$ (6)  $(x + 3)(x - 1)$ 

**142.** 公立高校入試の計算問題 1

---

(1) -2

(2) 20

(3)  $-4x - 12y + 2$ 

$$(4) y = \frac{-9x - 2}{6} \quad \left( y = -\frac{3}{2}x - \frac{1}{3} \right)$$

(5)  $7\sqrt{2}$ (6)  $(x + 1)(x + 6)$ 

**143.** 公立高校入試の計算問題 1

---

(1) 3

(2) 19

(3)  $3x + 4y - 8$ 

$$(4) y = \frac{-4x + 5}{4} \quad \left( y = -x + \frac{5}{4} \right)$$

(5)  $-2\sqrt{2}$ (6)  $(x + 1)(x + 2)$ 

**144.** 公立高校入試の計算問題 1

---

(1) 9

(2) 36

(3)  $2x - 8y - 10$ 

$$(4) y = \frac{-3x - 4}{4} \quad \left( y = -\frac{3}{4}x - 1 \right)$$

(5)  $-2\sqrt{3}$ (6)  $(x + 3)(x + 4)$

**145.** 公立高校入試の計算問題 1  
(1) 3

(2) 4

(3)  $7x + 11y - 6$ 

(4)  $y = \frac{-9x - 1}{9} \quad \left( y = -x - \frac{1}{9} \right)$

(5)  $4\sqrt{3}$ (6)  $(x - 4)(x + 11)$ **146.** 公立高校入試の計算問題 1  
(1) -10

(2) 25

(3)  $-x - 4y - 2$ 

(4)  $y = \frac{-9x + 5}{10} \quad \left( y = -\frac{9}{10}x + \frac{1}{2} \right)$

(5)  $-2\sqrt{2}$ (6)  $(x - 1)(x + 6)$ **147.** 公立高校入試の計算問題 1  
(1) -10

(2) 20

(3)  $6x - 7y + 6$ 

(4)  $y = \frac{7x + 6}{9} \quad \left( y = \frac{7}{9}x + \frac{2}{3} \right)$

(5)  $\sqrt{3}$ (6)  $(x - 2)(x + 5)$ **148.** 公立高校入試の計算問題 1  
(1) -3(2)  $\frac{19}{2}$ (3)  $11x - 9y - 10$ 

(4)  $y = \frac{-9x + 7}{9} \quad \left( y = -x + \frac{7}{9} \right)$

(5)  $-\sqrt{6}$ (6)  $(x - 3)(x + 11)$ **149.** 公立高校入試の計算問題 1  
(1) -5(2)  $\frac{35}{2}$ (3)  $5x - 11y - 6$ 

(4)  $y = \frac{6x - 4}{8} \quad \left( y = \frac{3}{4}x - \frac{1}{2} \right)$

(5)  $-\sqrt{3}$ (6)  $(x - 4)(x + 9)$ **150.** 公立高校入試の計算問題 1  
(1) 7

(2) 28

(3)  $-8x - 11y + 10$ 

(4)  $y = \frac{9x - 6}{9} \quad \left( y = x - \frac{2}{3} \right)$

(5)  $-\sqrt{3}$ (6)  $(x + 1)(x + 2)$

**151.** 公立高校入試の計算問題 1  
 (1) 1

(2)  $\frac{41}{2}$

(3)  $x - 5y + 6$

(4)  $y = \frac{-3x - 8}{2} \quad \left( y = -\frac{3}{2}x - 4 \right)$

(5)  $-4\sqrt{7}$

(6)  $(x - 2)(x + 9)$

**152.** 公立高校入試の計算問題 1  
 (1) 10

(2) 12

(3)  $-7x - 5y + 2$

(4)  $y = \frac{-4x - 5}{8} \quad \left( y = -\frac{1}{2}x - \frac{5}{8} \right)$

(5)  $-2\sqrt{3}$

(6)  $(x - 1)(x + 6)$

**153.** 公立高校入試の計算問題 1  
 (1) -6

(2)  $\frac{47}{2}$

(3)  $11x - 7y + 8$

(4)  $y = \frac{10x - 6}{3} \quad \left( y = \frac{10}{3}x - 2 \right)$

(5)  $2\sqrt{3}$

(6)  $(x + 1)(x + 7)$

**154.** 公立高校入試の計算問題 1  
 (1) 14

(2) 16

(3)  $-14x - 13y - 5$

(4)  $y = \frac{-9x + 8}{10} \quad \left( y = -\frac{9}{10}x + \frac{4}{5} \right)$

(5)  $-\sqrt{3}$

(6)  $(x - 4)(x + 9)$

**155.** 公立高校入試の計算問題 1  
 (1) 3

(2) 19

(3)  $-9x + y + 2$

(4)  $y = \frac{10x + 6}{12} \quad \left( y = \frac{5}{6}x + \frac{1}{2} \right)$

(5)  $\sqrt{3}$

(6)  $(x + 1)(x + 6)$

**156.** 公立高校入試の計算問題 1  
 (1) 16

(2)  $\frac{45}{2}$

(3)  $4x - 4y + 3$

(4)  $y = \frac{-6x + 7}{2} \quad \left( y = -3x + \frac{7}{2} \right)$

(5)  $2\sqrt{5}$

(6)  $(x - 2)(x + 7)$

**157.** 公立高校入試の計算問題 1  
 (1) 6

(2)  $\frac{61}{2}$

(3)  $-4x + 14y + 10$

(4)  $y = \frac{3x - 8}{12} \quad \left( y = \frac{1}{4}x - \frac{2}{3} \right)$

(5)  $-6\sqrt{3}$

(6)  $(x - 1)(x + 8)$

**159.** 公立高校入試の計算問題 1  
 (1) -7

(2)  $\frac{53}{2}$

(3)  $9x + 7y - 3$

(4)  $y = \frac{5x - 1}{5} \quad \left( y = x - \frac{1}{5} \right)$

(5)  $-8\sqrt{3}$

(6)  $(x - 3)(x + 11)$

**161.** 公立高校入試の計算問題 1  
 (1) 8

(2) 18

(3)  $8x + 14y + 5$

(4)  $y = \frac{9x + 7}{3} \quad \left( y = 3x + \frac{7}{3} \right)$

(5)  $-4\sqrt{3}$

(6)  $(x + 1)(x + 6)$

**158.** 公立高校入試の計算問題 1  
 (1) 1

(2) 19

(3)  $-5x - 2y + 4$

(4)  $y = \frac{-7x - 3}{9} \quad \left( y = -\frac{7}{9}x - \frac{1}{3} \right)$

(5)  $8\sqrt{3}$

(6)  $(x - 4)(x + 9)$

**160.** 公立高校入試の計算問題 1  
 (1) -17

(2) 25

(3)  $-5x + 10y + 3$

(4)  $y = \frac{7x + 8}{10} \quad \left( y = \frac{7}{10}x + \frac{4}{5} \right)$

(5)  $-\sqrt{3}$

(6)  $(x - 4)(x + 9)$

**162.** 公立高校入試の計算問題 1  
 (1) -3

(2)  $\frac{19}{2}$

(3)  $-7x - 10y - 6$

(4)  $y = \frac{4x + 3}{8} \quad \left( y = \frac{1}{2}x + \frac{3}{8} \right)$

(5)  $-3\sqrt{2}$

(6)  $(x + 2)(x + 3)$

**163.** 公立高校入試の計算問題1  
 (1) -5

(2) 14

(3)  $2x + 9y - 4$ 

(4)  $y = \frac{5x - 8}{8} \quad \left( y = \frac{5}{8}x - 1 \right)$

(5)  $\sqrt{3}$ (6)  $(x + 2)(x + 6)$ 

**164.** 公立高校入試の計算問題1  
 (1) -12

(2)  $\frac{49}{2}$

(3)  $-12x + 13y - 10$ 

(4)  $y = \frac{7x + 3}{7} \quad \left( y = x + \frac{3}{7} \right)$

(5)  $\sqrt{7}$ (6)  $(x - 4)(x + 6)$ 

**165.** 公立高校入試の計算問題1  
 (1) -8

(2) 5

(3)  $9x - 13y - 6$ 

(4)  $y = \frac{-8x - 5}{2} \quad \left( y = -4x - \frac{5}{2} \right)$

(5)  $2\sqrt{5}$ (6)  $(x - 4)(x + 7)$ 

**166.** 公立高校入試の計算問題1  
 (1) -11

(2) 18

(3)  $-x + 11y + 6$ 

(4)  $y = \frac{9x + 6}{6} \quad \left( y = \frac{3}{2}x + 1 \right)$

(5)  $6\sqrt{2}$ (6)  $(x + 4)(x + 3)$ 

**167.** 公立高校入試の計算問題1  
 (1) -3

(2) 23

(3)  $-6x + 4y + 4$ 

(4)  $y = \frac{6x + 4}{8} \quad \left( y = \frac{3}{4}x + \frac{1}{2} \right)$

(5)  $-2\sqrt{5}$ (6)  $(x + 1)(x + 5)$ 

**168.** 公立高校入試の計算問題1  
 (1) -3

(2)  $\frac{35}{2}$

(3)  $3x + 14y - 12$ 

(4)  $y = \frac{-6x - 8}{12} \quad \left( y = -\frac{1}{2}x - \frac{2}{3} \right)$

(5)  $-3\sqrt{2}$ (6)  $(x + 1)(x + 5)$

**169.** 公立高校入試の計算問題 1

(1) -1

(2) 23

(3)  $-12x - 11y - 5$ 

(4)  $y = \frac{-9x + 4}{10} \quad \left( y = -\frac{9}{10}x + \frac{2}{5} \right)$

(5)  $-4\sqrt{7}$ (6)  $(x + 4)(x + 1)$ **170.** 公立高校入試の計算問題 1

(1) 7

(2) 16

(3)  $-7x + 14y - 8$ 

(4)  $y = \frac{6x + 7}{3} \quad \left( y = 2x + \frac{7}{3} \right)$

(5)  $-\sqrt{5}$ (6)  $(x - 4)(x + 7)$ **171.** 公立高校入試の計算問題 1

(1) -10

(2)  $\frac{45}{2}$

(3)  $8x + 2y - 3$ 

(4)  $y = \frac{-3x - 8}{9} \quad \left( y = -\frac{1}{3}x - \frac{8}{9} \right)$

(5)  $2\sqrt{3}$ (6)  $(x - 2)(x + 10)$ **172.** 公立高校入試の計算問題 1

(1) -1

(2)  $\frac{11}{2}$

(3)  $11x - 14y + 4$ 

(4)  $y = \frac{-3x - 2}{4} \quad \left( y = -\frac{3}{4}x - \frac{1}{2} \right)$

(5)  $-\sqrt{6}$ (6)  $(x - 2)(x + 10)$ **173.** 公立高校入試の計算問題 1

(1) 10

(2) 4

(3)  $-12x + y + 10$ 

(4)  $y = \frac{6x + 5}{6} \quad \left( y = x + \frac{5}{6} \right)$

(5)  $-8\sqrt{7}$ (6)  $(x - 2)(x + 8)$ **174.** 公立高校入試の計算問題 1

(1) 2

(2)  $\frac{33}{2}$

(3)  $-8x + 4y + 2$ 

(4)  $y = \frac{-9x + 1}{12} \quad \left( y = -\frac{3}{4}x + \frac{1}{12} \right)$

(5)  $-5\sqrt{2}$ (6)  $(x + 2)(x + 6)$

**175.** 公立高校入試の計算問題 1

---

(1) 13

(2) 21

(3)  $11x - 11y + 3$ 

(4)  $y = \frac{-3x - 1}{9}$   $\left( y = -\frac{1}{3}x - \frac{1}{9} \right)$

(5)  $\sqrt{3}$ (6)  $(x + 4)(x + 3)$ 

**176.** 公立高校入試の計算問題 1

---

(1) 7

(2) 25

(3)  $-7x + 9y - 5$ 

(4)  $y = \frac{6x + 5}{2}$   $\left( y = 3x + \frac{5}{2} \right)$

(5)  $4\sqrt{3}$ (6)  $(x + 4)(x + 3)$ 

**177.** 公立高校入試の計算問題 1

---

(1) 7

(2) 17

(3)  $-8x - 14y - 5$ 

(4)  $y = \frac{10x - 1}{6}$   $\left( y = \frac{5}{3}x - \frac{1}{6} \right)$

(5)  $3\sqrt{6}$ (6)  $(x + 2)(x + 6)$ 

**178.** 公立高校入試の計算問題 1

---

(1) 4

(2) 26

(3)  $-5x + 8y + 4$ 

(4)  $y = \frac{3x + 5}{10}$   $\left( y = \frac{3}{10}x + \frac{1}{2} \right)$

(5)  $-4\sqrt{5}$ (6)  $(x - 1)(x + 4)$ 

**179.** 公立高校入試の計算問題 1

---

(1) -5

(2) 21

(3)  $-x - 8y - 4$ 

(4)  $y = \frac{-3x - 1}{3}$   $\left( y = -x - \frac{1}{3} \right)$

(5)  $-2\sqrt{3}$ (6)  $(x - 3)(x + 6)$ 

**180.** 公立高校入試の計算問題 1

---

(1) 10

(2) 6

(3)  $10x - 12y - 4$ 

(4)  $y = \frac{-9x + 8}{12}$   $\left( y = -\frac{3}{4}x + \frac{2}{3} \right)$

(5)  $4\sqrt{6}$ (6)  $(x + 3)(x + 2)$

**181.** 公立高校入試の計算問題 1  
 (1) 15

(2) 6

(3)  $4x + 10y + 2$ 

$$(4) y = \frac{-6x + 2}{3} \quad \left( y = -2x + \frac{2}{3} \right)$$

(5)  $3\sqrt{3}$ (6)  $(x - 1)(x + 9)$ 

**182.** 公立高校入試の計算問題 1  
 (1) -15

(2) 12

(3)  $-x - 4y - 3$ 

$$(4) y = \frac{-10x + 7}{10} \quad \left( y = -x + \frac{7}{10} \right)$$

(5)  $-2\sqrt{6}$ (6)  $(x + 4)(x - 2)$ 

**183.** 公立高校入試の計算問題 1  
 (1) -14

(2) 20

(3)  $-5x + 14y - 8$ 

$$(4) y = \frac{-9x - 1}{9} \quad \left( y = -x - \frac{1}{9} \right)$$

(5)  $-2\sqrt{7}$ (6)  $(x - 1)(x + 5)$ 

**184.** 公立高校入試の計算問題 1  
 (1) 7

(2)  $\frac{29}{2}$ (3)  $6x + 14y - 4$ 

$$(4) y = \frac{-10x - 6}{6} \quad \left( y = -\frac{5}{3}x - 1 \right)$$

(5)  $\sqrt{3}$ (6)  $(x - 2)(x + 6)$ 

**185.** 公立高校入試の計算問題 1  
 (1) 1

(2) 7

(3)  $14x + 6y - 4$ 

$$(4) y = \frac{7x - 8}{4} \quad \left( y = \frac{7}{4}x - 2 \right)$$

(5)  $\sqrt{2}$ (6)  $(x - 2)(x + 5)$ 

**186.** 公立高校入試の計算問題 1  
 (1) 1

(2)  $\frac{39}{2}$ (3)  $-8x - 11y - 5$ 

$$(4) y = \frac{-5x - 8}{6} \quad \left( y = -\frac{5}{6}x - \frac{4}{3} \right)$$

(5)  $\sqrt{2}$ (6)  $(x - 3)(x + 7)$

**187.** 公立高校入試の計算問題 1  
(1) -1

(2) 20

(3)  $-13x - 9y - 10$ 

(4)  $y = \frac{-5x - 4}{6} \quad \left( y = -\frac{5}{6}x - \frac{2}{3} \right)$

(5)  $\sqrt{3}$ (6)  $(x + 4)(x + 1)$ **188.** 公立高校入試の計算問題 1  
(1) 2

(2) 5

(3)  $8x + 4y - 5$ 

(4)  $y = \frac{-10x - 3}{3} \quad \left( y = -\frac{10}{3}x - 1 \right)$

(5)  $2\sqrt{3}$ (6)  $(x - 2)(x + 7)$ **189.** 公立高校入試の計算問題 1  
(1) -14

(2) 19

(3)  $-4x + 5y - 6$ 

(4)  $y = \frac{-7x + 4}{2} \quad \left( y = -\frac{7}{2}x + 2 \right)$

(5)  $-6\sqrt{3}$ (6)  $(x - 1)(x + 9)$ **190.** 公立高校入試の計算問題 1  
(1) -11

(2) 32

(3)  $4x + 13y - 10$ 

(4)  $y = \frac{-5x - 8}{6} \quad \left( y = -\frac{5}{6}x - \frac{4}{3} \right)$

(5)  $-2\sqrt{3}$ (6)  $(x - 4)(x + 11)$ **191.** 公立高校入試の計算問題 1  
(1) 4(2)  $\frac{43}{2}$ (3)  $-3x + y + 2$ 

(4)  $y = \frac{-3x + 6}{12} \quad \left( y = -\frac{1}{4}x + \frac{1}{2} \right)$

(5)  $4\sqrt{5}$ (6)  $(x - 3)(x + 5)$ **192.** 公立高校入試の計算問題 1  
(1) 11

(2) 21

(3)  $-4x - 6y + 10$ 

(4)  $y = \frac{6x + 4}{8} \quad \left( y = \frac{3}{4}x + \frac{1}{2} \right)$

(5)  $-3\sqrt{3}$ (6)  $(x - 4)(x + 8)$

**193.** 公立高校入試の計算問題 1  

---

(1) -2

(2) 8

(3)  $-x - 7y - 4$ 

(4)  $y = \frac{3x + 2}{2} \quad \left( y = \frac{3}{2}x + 1 \right)$

(5)  $-\sqrt{2}$ (6)  $(x - 4)(x + 11)$ **194.** 公立高校入試の計算問題 1  

---

(1) 3

(2) 21

(3)  $3x + 8y + 2$ 

(4)  $y = \frac{-3x - 6}{4} \quad \left( y = -\frac{3}{4}x - \frac{3}{2} \right)$

(5)  $3\sqrt{3}$ (6)  $(x - 3)(x + 7)$ **195.** 公立高校入試の計算問題 1  

---

(1) 2

(2) 19

(3)  $-7x + 5y + 2$ 

(4)  $y = \frac{3x + 1}{3} \quad \left( y = x + \frac{1}{3} \right)$

(5)  $2\sqrt{5}$ (6)  $(x - 3)(x + 6)$ **196.** 公立高校入試の計算問題 1  

---

(1) -10

(2) 41

(3)  $-2x - 10y - 6$ 

(4)  $y = \frac{8x + 3}{6} \quad \left( y = \frac{4}{3}x + \frac{1}{2} \right)$

(5)  $3\sqrt{2}$ (6)  $(x - 2)(x + 4)$ **197.** 公立高校入試の計算問題 1  

---

(1) -3

(2) 20

(3)  $-10x - 4y + 6$ 

(4)  $y = \frac{5x - 4}{8} \quad \left( y = \frac{5}{8}x - \frac{1}{2} \right)$

(5)  $-6\sqrt{2}$ (6)  $(x - 2)(x + 5)$ **198.** 公立高校入試の計算問題 1  

---

(1) 7

(2) 14

(3)  $5x - 11y - 6$ 

(4)  $y = \frac{-10x - 7}{2} \quad \left( y = -5x - \frac{7}{2} \right)$

(5)  $8\sqrt{3}$ (6)  $(x + 3)(x + 2)$

**199.** 公立高校入試の計算問題 1

---

(1) -6

(2) 22

(3)  $-4x + 2y + 3$ 

(4)  $y = \frac{7x - 4}{8} \quad \left( y = \frac{7}{8}x - \frac{1}{2} \right)$

(5)  $2\sqrt{3}$ (6)  $(x - 1)(x + 8)$ 

**200.** 公立高校入試の計算問題 1

---

(1) 13

(2) 12

(3)  $5x - 9y + 4$ 

(4)  $y = \frac{-3x + 6}{6} \quad \left( y = -\frac{1}{2}x + 1 \right)$

(5)  $-4\sqrt{7}$ (6)  $(x + 1)(x + 5)$ 

**201.** 公立高校入試の計算問題 1

---

(1) 0

(2) 6

(3)  $-9x - 9y + 4$ 

(4)  $y = \frac{7x - 8}{8} \quad \left( y = \frac{7}{8}x - 1 \right)$

(5)  $\sqrt{7}$ (6)  $(x + 1)(x + 4)$ 

**202.** 公立高校入試の計算問題 1

---

(1) -11

(2)  $\frac{45}{2}$ (3)  $-12x - 2y + 3$ 

(4)  $y = \frac{7x - 6}{3} \quad \left( y = \frac{7}{3}x - 2 \right)$

(5)  $2\sqrt{6}$ (6)  $(x - 1)(x + 7)$ 

**203.** 公立高校入試の計算問題 1

---

(1) 5

(2)  $\frac{73}{2}$ (3)  $7x - 13y - 8$ 

(4)  $y = \frac{3x - 4}{4} \quad \left( y = \frac{3}{4}x - 1 \right)$

(5)  $\sqrt{5}$ (6)  $(x - 4)(x + 8)$ 

**204.** 公立高校入試の計算問題 1

---

(1) 16

(2)  $\frac{45}{2}$ (3)  $5x - 9y + 2$ 

(4)  $y = \frac{-4x + 2}{12} \quad \left( y = -\frac{1}{3}x + \frac{1}{6} \right)$

(5)  $-3\sqrt{2}$ (6)  $(x - 2)(x + 9)$

## 205. 公立高校入試の計算問題 1

(1) -6

(2)  $\frac{49}{2}$

(3)  $9x + 4y + 2$

(4)  $y = \frac{5x - 3}{10} \quad \left( y = \frac{1}{2}x - \frac{3}{10} \right)$

(5)  $2\sqrt{7}$

(6)  $(x - 3)(x + 7)$

## 207. 公立高校入試の計算問題 1

(1) 13

(2)  $\frac{31}{2}$

(3)  $-x + 4y + 2$

(4)  $y = \frac{-7x - 8}{8} \quad \left( y = -\frac{7}{8}x - 1 \right)$

(5)  $-2\sqrt{3}$

(6)  $(x - 2)(x + 6)$

## 209. 公立高校入試の計算問題 1

(1) -3

(2) 10

(3)  $5x + 5y - 2$

(4)  $y = \frac{-7x + 3}{6} \quad \left( y = -\frac{7}{6}x + \frac{1}{2} \right)$

(5)  $-\sqrt{2}$

(6)  $(x - 4)(x + 6)$

## 206. 公立高校入試の計算問題 1

(1) -4

(2) 13

(3)  $7x - 10y - 6$

(4)  $y = \frac{-3x - 6}{10} \quad \left( y = -\frac{3}{10}x - \frac{3}{5} \right)$

(5)  $7\sqrt{7}$

(6)  $(x - 4)(x + 7)$

## 208. 公立高校入試の計算問題 1

(1) 8

(2) 33

(3)  $-6x + 8y - 4$

(4)  $y = \frac{-10x - 7}{10} \quad \left( y = -x - \frac{7}{10} \right)$

(5)  $-2\sqrt{5}$

(6)  $(x + 4)(x + 2)$

## 210. 公立高校入試の計算問題 1

(1) 12

(2) 24

(3)  $7x + 6y + 6$

(4)  $y = \frac{10x - 6}{6} \quad \left( y = \frac{5}{3}x - 1 \right)$

(5)  $6\sqrt{3}$

(6)  $(x - 2)(x + 4)$

## 211. 公立高校入試の計算問題 1

(1) -2

(2) 27

(3)  $-x + 8y + 8$ 

$$(4) y = \frac{-10x + 6}{6} \quad \left( y = -\frac{5}{3}x + 1 \right)$$

(5)  $3\sqrt{3}$ (6)  $(x + 2)(x + 3)$ 

## 212. 公立高校入試の計算問題 1

(1) -9

(2)  $\frac{35}{2}$ (3)  $-4x + 2y - 2$ 

$$(4) y = \frac{-6x - 3}{10} \quad \left( y = -\frac{3}{5}x - \frac{3}{10} \right)$$

(5)  $10\sqrt{3}$ (6)  $(x + 4)(x - 2)$ 

## 213. 公立高校入試の計算問題 1

(1) -4

(2) 23

(3)  $4x - 5y - 3$ 

$$(4) y = \frac{3x + 2}{10} \quad \left( y = \frac{3}{10}x + \frac{1}{5} \right)$$

(5)  $\sqrt{2}$ (6)  $(x - 4)(x + 6)$ 

## 214. 公立高校入試の計算問題 1

(1) -10

(2) 9

(3)  $-6x + 4y - 8$ 

$$(4) y = \frac{-8x + 5}{4} \quad \left( y = -2x + \frac{5}{4} \right)$$

(5)  $7\sqrt{3}$ (6)  $(x - 4)(x + 9)$ 

## 215. 公立高校入試の計算問題 1

(1) 11

(2) 12

(3)  $4x - y - 6$ 

$$(4) y = \frac{-9x + 4}{10} \quad \left( y = -\frac{9}{10}x + \frac{2}{5} \right)$$

(5)  $\sqrt{3}$ (6)  $(x + 2)(x + 3)$ 

## 216. 公立高校入試の計算問題 1

(1) 15

(2)  $\frac{43}{2}$ (3)  $-5x + 4y - 2$ 

$$(4) y = \frac{-9x + 7}{7} \quad \left( y = -\frac{9}{7}x + 1 \right)$$

(5)  $8\sqrt{2}$ (6)  $(x + 4)(x + 3)$

**217.** 公立高校入試の計算問題 1

---

(1) -11

(2) 13

(3)  $-9x - 8y - 6$ 

$$(4) y = \frac{-3x + 4}{12} \quad \left( y = -\frac{1}{4}x + \frac{1}{3} \right)$$

(5)  $3\sqrt{3}$ (6)  $(x + 4)(x + 2)$ 

**218.** 公立高校入試の計算問題 1

---

(1) -14

(2) 22

(3)  $-11x - 14y - 4$ 

$$(4) y = \frac{-4x - 3}{9} \quad \left( y = -\frac{4}{9}x - \frac{1}{3} \right)$$

(5)  $-3\sqrt{3}$ (6)  $(x - 1)(x + 5)$ 

**219.** 公立高校入試の計算問題 1

---

(1) 4

$$(2) \frac{27}{2}$$

(3)  $5x + 5y - 4$ 

$$(4) y = \frac{-4x + 7}{2} \quad \left( y = -2x + \frac{7}{2} \right)$$

(5)  $2\sqrt{3}$ (6)  $(x - 4)(x + 11)$ 

**220.** 公立高校入試の計算問題 1

---

(1) -2

(2) 34

(3)  $-9x + 5y + 6$ 

$$(4) y = \frac{-4x - 7}{12} \quad \left( y = -\frac{1}{3}x - \frac{7}{12} \right)$$

(5)  $-2\sqrt{3}$ (6)  $(x - 2)(x + 7)$ 

**221.** 公立高校入試の計算問題 1

---

(1) 9

(2) 4

(3)  $-x - 6y - 6$ 

$$(4) y = \frac{-9x - 2}{4} \quad \left( y = -\frac{9}{4}x - \frac{1}{2} \right)$$

(5)  $-6\sqrt{5}$ (6)  $(x - 3)(x + 8)$ 

**222.** 公立高校入試の計算問題 1

---

(1) -14

(2) 10

(3)  $-5x - 11y - 4$ 

$$(4) y = \frac{-10x - 3}{5} \quad \left( y = -2x - \frac{3}{5} \right)$$

(5)  $4\sqrt{3}$ (6)  $(x - 4)(x + 7)$

**223.** 公立高校入試の計算問題 1  
(1) 3

(2)  $\frac{49}{2}$

(3)  $3x - 2y + 2$

(4)  $y = \frac{-5x - 8}{4} \quad \left( y = -\frac{5}{4}x - 2 \right)$

(5)  $-3\sqrt{2}$

(6)  $(x - 1)(x + 4)$

**225.** 公立高校入試の計算問題 1  
(1) 4

(2) 20

(3)  $-x + y - 4$

(4)  $y = \frac{10x + 8}{5} \quad \left( y = 2x + \frac{8}{5} \right)$

(5)  $2\sqrt{3}$

(6)  $(x + 3)(x + 1)$

**227.** 公立高校入試の計算問題 1  
(1) -7

(2)  $\frac{59}{2}$

(3)  $4x - y - 2$

(4)  $y = \frac{-10x + 7}{10} \quad \left( y = -x + \frac{7}{10} \right)$

(5)  $-4\sqrt{5}$

(6)  $(x + 2)(x + 6)$

**224.** 公立高校入試の計算問題 1  
(1) -9

(2) 26

(3)  $3x - y + 2$

(4)  $y = \frac{-3x - 2}{12} \quad \left( y = -\frac{1}{4}x - \frac{1}{6} \right)$

(5)  $-4\sqrt{3}$

(6)  $(x + 1)(x + 4)$

**226.** 公立高校入試の計算問題 1  
(1) 4

(2) 23

(3)  $-x - 5y - 4$

(4)  $y = \frac{-4x - 7}{2} \quad \left( y = -2x - \frac{7}{2} \right)$

(5)  $-\sqrt{3}$

(6)  $(x - 1)(x + 3)$

**228.** 公立高校入試の計算問題 1  
(1) 0

(2) 15

(3)  $5x + 5y - 6$

(4)  $y = \frac{9x - 1}{12} \quad \left( y = \frac{3}{4}x - \frac{1}{12} \right)$

(5)  $-\sqrt{3}$

(6)  $(x - 2)(x + 7)$

**229.** 公立高校入試の計算問題 1  
(1) -8

(2) 6

(3)  $-6x - 6y + 6$ 

(4)  $y = \frac{4x + 6}{4} \quad \left( y = x + \frac{3}{2} \right)$

(5)  $4\sqrt{3}$ (6)  $(x + 2)(x + 3)$ **230.** 公立高校入試の計算問題 1  
(1) 13

(2) 9

(3)  $-6x - 13y - 6$ 

(4)  $y = \frac{-5x - 7}{7} \quad \left( y = -\frac{5}{7}x - 1 \right)$

(5)  $\sqrt{5}$ (6)  $(x - 1)(x + 5)$ **231.** 公立高校入試の計算問題 1  
(1) -3

(2) 28

(3)  $-4x - 5y + 2$ 

(4)  $y = \frac{9x + 1}{9} \quad \left( y = x + \frac{1}{9} \right)$

(5)  $-\sqrt{3}$ (6)  $(x + 3)(x + 5)$ **232.** 公立高校入試の計算問題 1  
(1) 14

(2) 8

(3)  $-x - 10y - 6$ 

(4)  $y = \frac{-3x + 8}{10} \quad \left( y = -\frac{3}{10}x + \frac{4}{5} \right)$

(5)  $3\sqrt{3}$ (6)  $(x - 1)(x + 5)$ **233.** 公立高校入試の計算問題 1  
(1) 8

(2) 34

(3)  $-11x - 5y - 6$ 

(4)  $y = \frac{-6x + 7}{3} \quad \left( y = -2x + \frac{7}{3} \right)$

(5)  $-2\sqrt{3}$ (6)  $(x + 4)(x + 3)$ **234.** 公立高校入試の計算問題 1  
(1) -1

(2) 39

(3)  $-11x - 2y - 10$ 

(4)  $y = \frac{-5x - 3}{12} \quad \left( y = -\frac{5}{12}x - \frac{1}{4} \right)$

(5)  $\sqrt{2}$ (6)  $(x - 1)(x + 4)$

**235.** 公立高校入試の計算問題 1

---

(1) -6

(2) 33

(3)  $4x + 6y + 4$ 

$$(4) y = \frac{-7x - 4}{6} \quad \left( y = -\frac{7}{6}x - \frac{2}{3} \right)$$

(5)  $-\sqrt{3}$ (6)  $(x + 3)(x + 5)$ 

**236.** 公立高校入試の計算問題 1

---

(1) -10

(2)  $\frac{23}{2}$ (3)  $-x + y + 4$ 

$$(4) y = \frac{3x + 7}{7} \quad \left( y = \frac{3}{7}x + 1 \right)$$

(5)  $\sqrt{7}$ (6)  $(x - 2)(x + 9)$ 

**237.** 公立高校入試の計算問題 1

---

(1) -14

(2) 22

(3)  $-11x + 5y - 4$ 

$$(4) y = \frac{6x + 4}{12} \quad \left( y = \frac{1}{2}x + \frac{1}{3} \right)$$

(5)  $2\sqrt{7}$ (6)  $(x + 1)(x + 2)$ 

**238.** 公立高校入試の計算問題 1

---

(1) 0

(2) 21

(3)  $5x - 13y + 3$ 

$$(4) y = \frac{10x - 6}{6} \quad \left( y = \frac{5}{3}x - 1 \right)$$

(5)  $-2\sqrt{7}$ (6)  $(x + 2)(x + 6)$ 

**239.** 公立高校入試の計算問題 1

---

(1) -1

(2) 26

(3)  $4x - 3y + 4$ 

$$(4) y = \frac{9x + 2}{8} \quad \left( y = \frac{9}{8}x + \frac{1}{4} \right)$$

(5)  $-9\sqrt{3}$ (6)  $(x + 4)(x - 1)$ 

**240.** 公立高校入試の計算問題 1

---

(1) -2

(2) 27

(3)  $7x + y + 4$ 

$$(4) y = \frac{6x - 5}{4} \quad \left( y = \frac{3}{2}x - \frac{5}{4} \right)$$

(5)  $5\sqrt{5}$ (6)  $(x + 3)(x + 5)$

**241.** 公立高校入試の計算問題 1  
 (1) 2

(2)  $\frac{51}{2}$

(3)  $13x + 4y + 6$

(4)  $y = \frac{-9x - 8}{2} \quad \left( y = -\frac{9}{2}x - 4 \right)$

(5)  $\sqrt{2}$

(6)  $(x - 1)(x + 8)$

**242.** 公立高校入試の計算問題 1  
 (1) 11

(2) 4

(3)  $-2x - 14y - 4$

(4)  $y = \frac{-6x + 3}{4} \quad \left( y = -\frac{3}{2}x + \frac{3}{4} \right)$

(5)  $\sqrt{2}$

(6)  $(x - 1)(x + 4)$

**243.** 公立高校入試の計算問題 1  
 (1) -10

(2)  $\frac{49}{2}$

(3)  $-x + 10y - 6$

(4)  $y = \frac{-10x - 4}{10} \quad \left( y = -x - \frac{2}{5} \right)$

(5)  $-2\sqrt{3}$

(6)  $(x + 1)(x + 5)$

**244.** 公立高校入試の計算問題 1  
 (1) 0

(2) 41

(3)  $-7x - 6y + 6$

(4)  $y = \frac{9x - 2}{9} \quad \left( y = x - \frac{2}{9} \right)$

(5)  $2\sqrt{7}$

(6)  $(x + 4)(x + 1)$