

解答

1. 公立高校入試の計算問題 1

(1) 2

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

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

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

(5) $\sqrt{3}$

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

3. 公立高校入試の計算問題 1

(1) 15

(2) 9

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

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

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

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

5. 公立高校入試の計算問題 1

(1) -4

(2) $\frac{9}{2}$

(3) $-11x - 14y - 12$

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

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

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

2. 公立高校入試の計算問題 1

(1) -12

(2) 17

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

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

(5) $2\sqrt{2}$

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

4. 公立高校入試の計算問題 1

(1) 16

(2) $\frac{15}{2}$

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

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

(5) $3\sqrt{5}$

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

6. 公立高校入試の計算問題 1

(1) 1

(2) 16

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

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

(5) $4\sqrt{3}$

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

7. 公立高校入試の計算問題 1

(1) 10

(2) 31

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

(1) -2

(2) 19

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

(1) 14

(2) 15

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

(1) 18

(2) 21

(3) $-6x - 3y - 2$ (4) $y = \frac{-9x - 4}{3} \quad \left(y = -3x - \frac{4}{3} \right)$ (5) $4\sqrt{3}$ (6) $(x + 4)(x + 1)$ **10. 公立高校入試の計算問題 1**

(1) 1

(2) $\frac{45}{2}$ (3) $-5x + 14y + 12$ (4) $y = \frac{-10x - 1}{8} \quad \left(y = -\frac{5}{4}x - \frac{1}{8} \right)$ (5) $2\sqrt{3}$ (6) $(x - 1)(x + 5)$ **12. 公立高校入試の計算問題 1**

(1) -15

(2) 27

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

13. 公立高校入試の計算問題 1

(1) -8

(2) 23

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

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

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

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

15. 公立高校入試の計算問題 1

(1) 5

(2) 5

(3) $12x + 14y - 10$

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

(5) $2\sqrt{2}$

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

17. 公立高校入試の計算問題 1

(1) 1

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

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

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

(5) $-3\sqrt{7}$

(6) $(x-4)(x+12)$

14. 公立高校入試の計算問題 1

(1) 7

(2) 30

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

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

(5) $-\sqrt{3}$

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

16. 公立高校入試の計算問題 1

(1) -15

(2) $\frac{67}{2}$

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

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

(5) $-\sqrt{3}$

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

18. 公立高校入試の計算問題 1

(1) 4

(2) 12

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

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

(5) $4\sqrt{7}$

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

19. 公立高校入試の計算問題 1

(1) 13

(2) 27

(3) $4x - 8y + 4$ (4) $y = \frac{5x+2}{6} \quad \left(y = \frac{5}{6}x + \frac{1}{3} \right)$ (5) $-5\sqrt{3}$ (6) $(x+3)(x+5)$ **21. 公立高校入試の計算問題 1**

(1) 9

(2) 22

(3) $9x + y + 3$ (4) $y = \frac{6x-5}{10} \quad \left(y = \frac{3}{5}x - \frac{1}{2} \right)$ (5) $-3\sqrt{3}$ (6) $(x-4)(x+9)$ **23. 公立高校入試の計算問題 1**

(1) -10

(2) 17

(3) $9x - 7y + 4$ (4) $y = \frac{4x+5}{6} \quad \left(y = \frac{2}{3}x + \frac{5}{6} \right)$ (5) $\sqrt{3}$ (6) $(x-4)(x+12)$ **20. 公立高校入試の計算問題 1**

(1) -18

(2) 35

(3) $-4x + 2y - 2$ (4) $y = \frac{-10x-3}{4} \quad \left(y = -\frac{5}{2}x - \frac{3}{4} \right)$ (5) $\sqrt{3}$ (6) $(x+3)(x+4)$ **22. 公立高校入試の計算問題 1**

(1) 15

(2) $\frac{29}{2}$ (3) $3x + 7y - 2$ (4) $y = \frac{3x+2}{4} \quad \left(y = \frac{3}{4}x + \frac{1}{2} \right)$ (5) $-2\sqrt{6}$ (6) $(x+4)(x+3)$ **24. 公立高校入試の計算問題 1**

(1) -1

(2) 14

(3) $7x + 6y + 4$ (4) $y = \frac{-3x-2}{2} \quad \left(y = -\frac{3}{2}x - 1 \right)$ (5) $-5\sqrt{2}$ (6) $(x-1)(x+9)$