Solve the system: $y = -2x^2 + 10x + 2$ and $y = 4x + 6$

Solve the system: $y = -x^2 + 10x - 45$ and $3x + y = -3$

Solve the system: $y = x^2 - 17x + 33$ and $y = -5x - 3$

How many solutions does the system have? $y = x^2 + 5x + 8$ and $y = -3x - 4$

Solve the system: $y = -x^2 + x$ and $y = 4x + 2$

Solve the system: $y = x^2 + 9x + 57$ and $y = -5x + 6$

Solve the system: $y = 2x^2 + 3x + 5$ and $3x + y = 5$

How many solutions does the system have? $y = 2x^2 - 13x + 36$ and $y = 3x$

Linear-Quadratic Systems of Equations · 2

ANSWER

(6, -21) and (7, -24)

Linear-Quadratic Systems of Equations · 1

ANSWER

(1, 10) and (2, 14)

Linear-Quadratic Systems of Equations · 4

ANSWER

2

Linear-Quadratic Systems of Equations · 3

ANSWER

(6, -33)

Linear-Quadratic Systems of Equations · 6

ANSWER

no solution

Linear-Quadratic Systems of Equations · 5

ANSWER

(-2, -6) and (-1, -2)

Linear-Quadratic Systems of Equations · 8

ANSWER

0

Linear-Quadratic Systems of Equations · 7

ANSWER

(-3, 14) and (0, 5)

Solve the system: $y = -x^2 + 3x$ and $y = -2x + 6$

Solve the system: $y = -x^2 - 4x - 9$ and $-2x + y = -1$

Solve the system: $y = x^2 - 4x + 22$ and $y = 4x + 6$

How many solutions does the system have? $y = 2x^2 - 31x + 81$ and $y = -5x - 3$

Solve the system: $y = -2x^2 + x + 27$ and $y = -x + 3$

Solve the system: $y = x^2 - 4x + 5$ and $y = -4x$

Solve the system: $y = x^2 - 4x + 18$ and $-5x + y = 4$

How many solutions does the system have? $y = x^2 - x + 13$ and $y = -5x + 5$

Linear-Quadratic Systems of Equations · 10

ANSWER

(-4, -9) and (-2, -5)

Linear-Quadratic Systems of Equations · 9

ANSWER

(2, 2) and (3, 0)

Linear-Quadratic Systems of Equations · 12

ANSWER

2

Linear-Quadratic Systems of Equations · 11

ANSWER

(4, 22)

Linear-Quadratic Systems of Equations · 14

ANSWER

no solution

Linear-Quadratic Systems of Equations · 13

ANSWER

(-3, 6) and (4, -1)

Linear-Quadratic Systems of Equations · 16

ANSWER

0

Linear-Quadratic Systems of Equations · 15

ANSWER

(2, 14) and (7, 39)

Linear-Quadratic Systems of Equations · 17

Solve the system: $y = 2x^2 - 5x - 4$ and $y = x + 4$

Linear-Quadratic Systems of Equations · 18

Solve the system: $y = x^2 - x + 6$ and $4x + y = 4$

Linear-Quadratic Systems of Equations · 19

Solve the system: $y = x^2 + 5x + 7$ and $y = 3x + 6$

Linear-Quadratic Systems of Equations · 20

How many solutions does the system have? $y = x^2 - 4x - 11$ and $y = -5x - 5$

Linear-Quadratic Systems of Equations · 21

Solve the system: $y = -2x^2 + 24x - 49$ and $y = 4x - 1$

Linear-Quadratic Systems of Equations · 22

Solve the system: $y = x^2 - 6x + 21$ and $y = 2x + 2$

Linear-Quadratic Systems of Equations · 23

Solve the system: $y = 2x^2 - 10x - 17$ and $4x + y = 3$

Linear-Quadratic Systems of Equations · 24

How many solutions does the system have? $y = x^2 + 13x + 33$ and $y = x - 4$

Linear-Quadratic Systems of Equations · 18

ANSWER

(-2, 12) and (-1, 8)

Linear-Quadratic Systems of Equations · 17

ANSWER

(-1, 3) and (4, 8)

Linear-Quadratic Systems of Equations · 20

ANSWER

2

Linear-Quadratic Systems of Equations · 19

ANSWER

(-1, 3)

Linear-Quadratic Systems of Equations · 22

ANSWER

no solution

Linear-Quadratic Systems of Equations · 21

ANSWER

(4, 15) and (6, 23)

Linear-Quadratic Systems of Equations · 24

ANSWER

0

Linear-Quadratic Systems of Equations · 23

ANSWER

(-2, 11) and (5, -17)