Name: Date: Class:

Problem 1. Solve the following system of equations for x and y:
10x + 24y = 13
14x + 14y = 1

Answer:

Problem 2. Solve the following quadratic equation for x:
1x^2 + 18x + 18

Answer:

Problem 3. Solve the following equation for x:
12x + 4 = 20

Answer:

Problem 4. Solve the following equation for x:
8x + 7 = 5

Answer:

Problem 5. Solve the following system of equations for x and y:
19x + 14y = 10
2x + 1y = 23

Answer:

Problem 6. Solve the following quadratic equation for x:
2x^2 + 3x + 7

Answer:

Problem 7. Solve the following quadratic equation for x:
3x^2 + 7x + 6

Answer:

Problem 8. Solve the following equation for x:
7x + 12 = 21

Answer:

Problem 9. Solve the following system of equations for x, y, and z:
13x + 22y + 1z = 10
24x + 12y + 25z = 18
1x + 23y + 16z = 11

Answer:

Problem 10. Solve the following equation for x:
12x + 9 = 23

Answer:

Problem 11. Solve the following quadratic equation for x:
3x^2 + 20x + 3

Answer:

Problem 12. Solve the following quadratic equation for x:
3x^2 + 20x + 2

Answer:

Problem 13. Solve the following system of equations for x and y:
11x + 1y = 4
21x + 22y = 1

Answer:

Problem 14. Solve the following system of equations for x and y:
25x + 3y = 6
14x + 25y = 21

Answer:

Problem 15. Solve the following quadratic equation for x:
1x^2 + 6x + 1

Answer: