

Systems of Equations

Solve each system of equations.

1) $-b - c = -25 + 3a$

$$6a + c = 10 + 5b$$

$$2a + b + 3c = 14$$

2) $5s + 2t - u - 13 = 0$

$$2s - 6t + 9u - 25 = 0$$

$$-4s + 3t - 8u + 36 = 0$$

3)

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5)

7) $7x + 4y - 4z + 45 = 0$

$$5x + 6y + 8z = -17$$

$$x = -5 + 8y - 4z$$

8) $4w + 9x - 6y = 31$

$$-21 = -4w - 3x + 2y$$

$$2w + 3x = 1 + 8y$$