

# Systems of Equations

Solve each system of equations.

1)  $4x - 3y + 7z + 23 = 0$   
 $3x + 2y + 9z + 46 = 0$   
 $9x - 5y + 41 = -6z$

2)  $8b + 5c - 6d = 38$   
 $-3b = 1 + 4c - 5d$   
 $2b + 7c + 6d - 28 = 0$

3)

# Preview

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5)

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7)  $5s - 8t + 5u + 27 = 0$   
 $-6t - 4u = -48 - 2s$   
 $-t + 9u = 37 - 4s$

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8)  $6a - 7b = -30 - 9c$   
 $4a - 5c = -7 - 3b$   
 $-8b + 2c = -47 - 2a$

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