

## Systems of Equations

Use the best method to solve each system of equations.

1)  $-5q = 4 - 3p - 6r$   
 $-3q = -5 - p - 5r$   
 $-4q = 13 - 2p - r$

2)  $r + 6s + 2t - 17 = 0$   
 $19 = -6r + 5s + t$   
 $10 = 3r + 2s + 3t$

3)  $4t - 19 = -4u + 5v$   
 $-5u - 2 = t + 5v$   
 $5v = -20 - t + u$

# PREVIEW

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5)  $7x + 4y - 4z + 4 = 0$   
 $5x + 6y + 8z = -4$   
 $x = -5 + 8y - 4z$

7)  $-s + 6t + 3u + 9 = 0$   
 $s + t = 4 + u$   
 $-s + 3t + 4u = -5$

8)  $4w + 9x - 6y = 31$   
 $-21 = -4w - 3x + 2y$   
 $2w + 3x = 1 + 8y$