

Systems of Equations - Cramer's Rule

Solve each system of equations using Cramer's rule.

1) $-2r - p = 4q$

$2r = 27 - 9p + 2q$

$p + q - r = 3$

2) $5s - t + 8u = 48$

$-3s + 2t - u = -5$

$2s = -42 + 4t - 7u$

3) $b + 5d = 9 - 3c$

$b + c + 4d = 10$

$2c - d = 1$

5) $7u + v = -6 + 3z$

$w = -4u + 3v + z$

$2u = -5 - v + w$

7) $6w + 3 = 5x - y$

$x = -3w + y - 26$

$w - 4x + y = 18$

8) $r + 2s + 5t - 2 = 0$

$s - 17 = 9t - 2r$

$r - 2s = -6 - 5t$

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