

Multiplying Polynomials #3

Solve each equation.

1) $2(4x - 7) = 5(-2x - 9) - 5$

2) $2(5a - 12) = -6(2a - 3) + 2$

3) $4(3p + 9) - 5 = -3(12p - 5)$

4) $7(8w - 3) + 13 = 2(6w + 7)$

5) $d(d - 1) + 4d = d(d - 8)$

6) $c(c + 3) - c(c - 4) = 9c - 16$

7) $y(y + 12) - 8y = 14 + y(y - 4)$

8) $k(k - 7) + 10 = 2k + k(k + 6)$

9) $2n(n + 4) + 18 = n(n + 5) + n(n - 2) - 7$

10) $3g(g - 4) - 2g(g - 7) = g(g + 6) - 28$