Name : _____

Solve the Equations

Solve.

1) $\dfrac{(3n-3)!}{P(3n, 3n-3)} = \dfrac{3}{2C(3n, 2)}$

2) $\dfrac{P(4r, 4)}{4 + C(9, 7)} = \dfrac{6C(4r, 5)}{2!}$

3) $C(10, 9) - 9 =$ $C(15, 13) \times C(2n, 7)$

5) $-P(11, 2r-5) +$ $(8, 2) = \dfrac{P(n+3, 3)}{P(n+1, 2)}$