1. (1 pt) Evaluate the binomial coefficient: \( \binom{13}{4} \)

2. (1 pt) Expand the expression using the Binomial Theorem:
\[
(3x - 3)^3 = \quad x^3 + \quad x^2 + \quad x^1 + \quad x^0
\]

3. (1 pt) Find the coefficient of \( x^{11} \) in the expansion of \( \left( 4x^2 - \frac{4}{x} \right)^7 \)

4. (1 pt) Find the coefficient of \( x^5 \) in \( (1 + x)^{15} \).

5. (1 pt) What is the coefficient of \( x^4 y^{14} \) in the expansion of \( (-2x + 2y)^{18} \)?