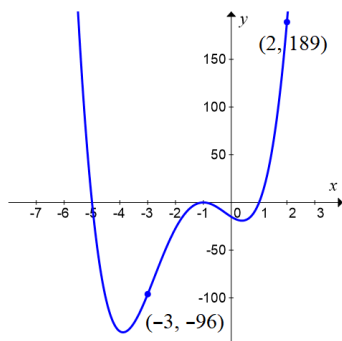


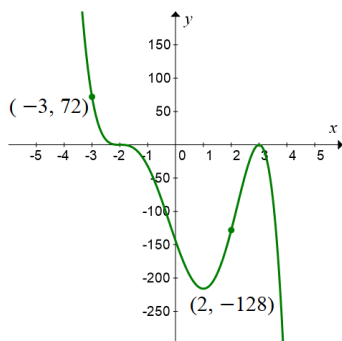
3.2 Worksheet C | Graphs of Polynomials

a. List each zero and its smallest possible multiplicity. b. Determine the leading coefficient of the polynomial. c. Write the equation for the polynomial in **factored form**.

11.

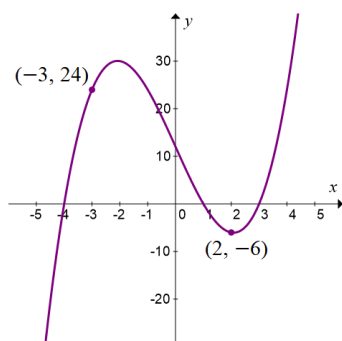


12.



(a) List each zero and its smallest possible multiplicity. (b) Determine the leading coefficient of the polynomial. (c) Write the equation for the polynomial in **standard form**.

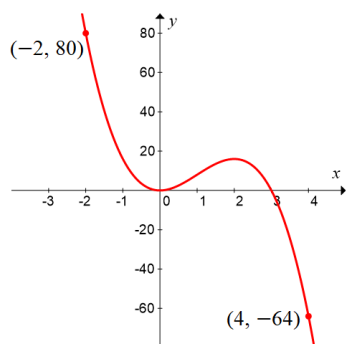
13.



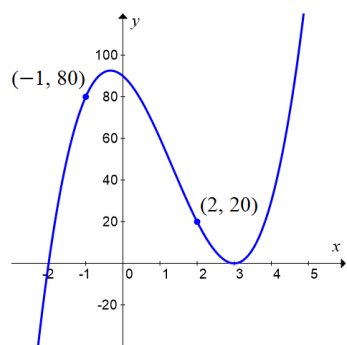
4c. $y = -4x^3 + 12x^2$ 5c. $y = 5x^3 - 20x^2 - 15x + 90$

a. List each zero and its smallest possible multiplicity. b. Determine the leading coefficient of the polynomial. c. Write the equation for the polynomial in **standard form**.

14.



15.



1c. $y = 3(x + 5)(x + 1)^2(x - 1)$ 2c. $y = -2(x + 2)^3(x - 3)^2$ 3c. $y = x^3 - 13x + 12$