**Build Polynomials**

**The steps are as follows:**

1. Convert the zeros to factors.
2. Multiply the factors.
3. Combine like terms and write with powers of x in descending order, which is the standard form of a polynomial function.

Examples

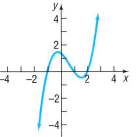
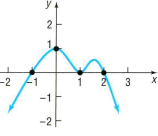
1) roots are 1 and 4 2) solutions are -3, 4, and 5

3) solutions are and 7 4) x-intercepts are 5 and -4 (multiplicity

of two)

5) zeros are and -2 (multiplicity of 2)

6) 7)

8) 9)

