# Difference of Two Squares and Perfect Squares

1. Using the Digital Manipulatives, build the given polynomials.

   *If you have the Integer Block Kit and algebra inserts, you can also use these to complete this activity.*

2. Determine if each expression is a difference of two squares or a perfect square trinomial.
3. Write the factored answer.

   A. $x^2 - 9$

   B. $x^2 - 4x + 4$

   C. $4x^2 + 4x + 1$

   D. $x^2 - 16$

   E. $x^2 - 10x + 25$