

Vertex to Standard Form

$$y = 5(x-3)(x-3) + 7$$

2. Off to the side
F.O.I.L the two
binomials.

$$(x-3)(x-3)$$

$$x^2 - 3x - 3x + 9$$

$$x^2 - 6x + 9$$

3. Combine like terms.