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| 1. Find the equation of the parabola.  | 2. Find the equation of the parabola.  |
| 3. Find the equation of the parabola.  | 4. Find the equation of the parabola.  |
| 5. Find the equation of a parabola that has a vertex of (4,5) and contains the point (-2,-2). | 6. Find the equation of a parabola that has a vertex of (0,3) and has the point (7,0). |
| 7. Find the equation of a parabola that has a vertex of (5,0) and has the point (0,-12).  | 8. Find the equation of a parabola that has a vertex of (2, 0) passing through the point (1, 3).  |