

Math C

12.2 Parabolas part 2

Rewrite into standard form for a parabola and state its domain & range.

1. $(y - 5)^2 = 12(x - 4)$

2. $x = 5y^2 + 80y + 321$

3. $11x = y^2 + 14y + 27$

4. $(y + 7)^2 = -4(x + 3)$

5. $y = -2x^2 - 16x - 29$

6. $7y = -x^2 - 2x + 41$