

**10-1 Practice** (continued)

Form G

## Exploring Conic Sections

Graph each equation. Describe the graph and its lines of symmetry. Then find the domain, range center and x and y intercepts.

16.  $25x^2 - y^2 - 25 = 0$

17.  $y^2 - x^2 = 9$

18.  $4y^2 - 9x^2 = 36$

19.  $x^2 + y^2 = 4$

20.  $x^2 + y^2 = 36$

21.  $3x^2 + 3y^2 - 9 = 0$

22.  $4x^2 + 9y^2 - 36 = 0$

23.  $6x^2 + y^2 - 12 = 0$

24.  $9x^2 + y^2 = 9$

