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**Completing the Square with Conics**

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Complete the square to find standard form of the conic section. Identify the conic section.

1.  $4x^2 + 9y^2 + 24x - 36y + 36 = 0$

6.  $25x^2 - 16y^2 + 50x - 96y + 281 = 0$

2.  $y^2 + 6y - 8x - 31 = 0$

7.  $x^2 + 16y^2 - 10x + 96y + 153 = 0$

3.  $4x^2 - 25y^2 - 8x - 100y - 196 = 0$

8.  $x^2 - 12x + 16y - 28 = 0$

4.  $y^2 + 2y + 4x - 7 = 0$

9.  $x^2 + y^2 + 6x - 4y - 15 = 0$

5.  $x^2 + y^2 - 14x + 4y - 11 = 0$

10.  $25x^2 - 9y^2 + 200x + 18y + 166 = 0$