Precalculus

Name_____

Writing in Standard form

Identify the conic. Then Use the information provided to write the standard form equation of each conic.

1) $x^2 + y^2 + 18x - 26y + 246 = 0$

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

3) $9x^2 + y^2 + 36x - 20y + 55 = 0$

4) $x^2 + 4y^2 - 10x + 72y + 205 = 0$

5) $-4x^2 + y^2 - 64x + 14y - 307 = 0$

6) $128y - 16y^2 - 400x + 25x^2 - 256 = 0$

7) $2x^2 - 28x + y + 101 = 0$

8) $2x^2 - 40x + y + 207 = 0$