Name_____

Circles: Writing in Standard form

Write its equation in standard form

1) $x^2 + y^2 + 6x + 8y + 24 = 0$

2) $x^2 + y^2 - 2x - 4y - 9 = 0$

3) $x^2 + y^2 - 8x - 4y + 16 = 0$

4) $x^2 + y^2 - 6x - 2y - 5 = 0$

5) $x^2 + y^2 + 8x + 2y + 8 = 0$

6) $x^2 + y^2 - 4x + 8y + 11 = 0$

7) $x^2 + y^2 - 2x + 8y + 8 = 0$

8) $x^2 + y^2 - 6x - 6y + 13 = 0$

9) $x^2 + y^2 - 4x - 8y + 15 = 0$

10) $x^2 + y^2 - 2x - 4y - 16 = 0$