Rewrite the equation in standard form for the circle.

1. $x^2 + y^2 + 4y + 3 = 16$

$x^2 + y^2 + 4y + 4 = 13 + 4$

$(y+2)(y+2)$

$x^2 + (y+2)^2 = 17$

2. $x^2 - 8x + y^2 + 2y = 5$

$x^2 - 8x + 16 + y^2 + 2y + 1 = 5 + 16 + 1$

$(x-4)(x-4) + (y+1)(y+1)$

$(x-4)^2 + (y+1)^2 = 22$