Name

Quadratic Equation Complete Square - To Fully Complete (Coefficient 1)

1 Complete the square to factor this polynomial $y = x^2 - 2x + 5$

A $y = -1(x-1)^2 + 4$	B $y = -1(x+1)^2 + 4$
C $y = (x-1)^2 - 4$	D $y = (x-1)^2 + 4$

2 Complete the square to factor this polynomial

$$y = x^2 - 6x + 13$$

A $y = (x-3)^2 + 4$	B $y = (x+3)^2 + 4$
C $y = -1(x-3)^2 - 4$	D $y = (x-3)^2 - 4$

3 Complete the square to factor this polynomial $y = x^2 - 6x + 6$

A $y = (x+3)^2 - 3$	B $y = (x-3)^2 - 3$
C $y = (x-3)^2 + 3$	D $y = -1(x-3)^2 - 3$

4 Complete the square to factor this polynomial $y = x^2 - 6x + 5$

A $y = (x-3)^2 + 4$	B $y = (x-3)^2 - 4$
C $y = -1(x-3)^2 - 4$	D $y = (x+3)^2 - 4$

5 Complete the square to factor this polynomial

$$y = x^2 + 8x + 20$$

A $y = (x+4)^2 + 4$	B $y = -1(x+4)^2 - 4$
C $y = -1(x+4)^2 + 4$	D $y = (x+4)^2 - 4$

6 Complete the square to factor this polynomial $y = x^2 + 2x + 4$

A $y = (x-1)^2 + 3$	B $y = -1(x+1)^2 + 3$
C $y = (x+1)^2 + 3$	D $y = -1(x-1)^2 + 3$

7 Complete the square to factor this polynomial $y = x^2 - 4x + 7$

A $y = -1(x+2)^2 - 3$	B $y = -1(x-2)^2 + 3$
C $y = (x+2)^2 + 3$	D $y = (x-2)^2 + 3$

8 Complete the square to factor this polynomial

$$y = x^2 + 8x + 18$$

A $y = (x-4)^2 - 2$	B $y = -1(x+4)^2 - 2$
C $y = -1(x+4)^2 + 2$	D $y = (x+4)^2 + 2$