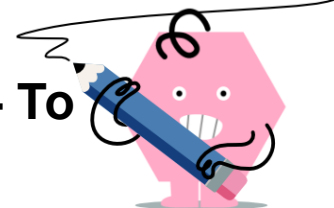




Quadratic Equation Complete Square - To Fully Complete (Coefficient N)



1 Complete the square to factor this polynomial

$$y = 5x^2 - 30x + 48$$

A $y = -5(x-3)^2 - 3$

B $y = 5(x-3)^2 + 3$

C $y = -5(x-3)^2 + 3$

D $y = 5(x+3)^2 - 3$

2 Complete the square to factor this polynomial

$$y = 3x^2 - 24x + 45$$

A $y = 3(x+4)^2 - 3$

B $y = 3(x-4)^2 - 3$

C $y = -3(x-4)^2 - 3$

D $y = -3(x+4)^2 - 3$

3 Complete the square to factor this polynomial

$$y = 2x^2 + 8x + 4$$

A $y = -2(x-2)^2 - 4$

B $y = 2(x+2)^2 - 4$

C $y = 2(x-2)^2 - 4$

D $y = -2(x+2)^2 - 4$

4 Complete the square to factor this polynomial

$$y = 2x^2 - 12x + 19$$

A $y = 2(x+3)^2 + 1$

B $y = 2(x-3)^2 - 1$

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

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

5 Complete the square to factor this polynomial

$$y = 3x^2 + 12x + 13$$

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

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

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

D $y = 3(x+2)^2 + 1$

6 Complete the square to factor this polynomial

$$y = 5x^2 + 40x + 77$$

A $y = 5(x+4)^2 + 3$

B $y = 5(x+4)^2 - 3$

C $y = 5(x-4)^2 - 3$

D $y = -5(x+4)^2 + 3$

7 Complete the square to factor this polynomial

$$y = 2x^2 - 12x + 20$$

A $y = 2(x-3)^2 + 2$

B $y = -2(x-3)^2 + 2$

C $y = 2(x+3)^2 + 2$

D $y = -2(x+3)^2 + 2$

8 Complete the square to factor this polynomial

$$y = 4x^2 - 8x + 7$$

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

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

C $y = 4(x+1)^2 + 3$

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