



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

1 Remove the leading coefficient from the x terms to be ready to complete the square

$$y = -1x^2 + 8x - 19$$

A $y = -1(x^2 - 8x) - 19$

B $y = -1(x^2 - 8x) - 21$

C $y = -1(x^2 - 10x) - 19$

D $y = -1(x^2 + 8x) - 19$

E $y = -1(x^2 - 8x) - 20$

3 Remove the leading coefficient from the x terms to be ready to complete the square

$$y = -1x^2 - 6x - 8$$

A $y = -1(x^2 - 6x) - 8$

B $y = -1(x^2 + 6x) - 7$

C $y = -1(x^2 + 6x) - 10$

D $y = -1(x^2 + 5x) - 8$

E $y = -1(x^2 + 6x) - 8$

5 Remove the leading coefficient from the x terms to be ready to complete the square

$$y = -1x^2 - 6x - 11$$

A $y = -1(x^2 + 6x) - 13$

B $y = -1(x^2 + 6x) - 9$

C $y = -1(x^2 + 6x) - 11$

D $y = -1(x^2 - 6x) - 11$

E $y = -1(x^2 + 6x) - 10$

7 Remove the leading coefficient from the x terms to be ready to complete the square

$$y = -1x^2 + 6x - 8$$

A $y = -1(x^2 + 6x) - 8$

B $y = -1(x^2 - 6x) - 6$

C $y = -1(x^2 - 6x) - 9$

D $y = -1(x^2 - 6x) - 8$

E $y = -1(x^2 - 6x) - 10$

2 Remove the leading coefficient from the x terms to be ready to complete the square

$$y = -1x^2 + 6x - 5$$

A $y = -1(x^2 - 1x) - 5$

B $y = -1(x^2 + 6x) - 5$

C $y = -1(x^2 - 6x) - 4$

D $y = -1(x^2 - 6x) - 5$

E $y = -1(x^2 - 2x) - 5$

4 Remove the leading coefficient from the x terms to be ready to complete the square

$$y = -1x^2 + 4x - 1$$

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

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

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

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

E $y = -1(x^2 - 4x) - 0$

6 Remove the leading coefficient from the x terms to be ready to complete the square

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

A $y = -1(x^2 - 2x) - 5$

B $y = -1(x^2 + 2x) - 5$

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

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

E $y = -1(x^2 - 2x) - 7$

8 Remove the leading coefficient from the x terms to be ready to complete the square

$$y = -1x^2 + 4x - 8$$

A $y = -1(x^2 - 9x) - 8$

B $y = -1(x^2 - 3x) - 8$

C $y = -1(x^2 - 4x) - 8$

D $y = -1(x^2 - 4x) - 7$

E $y = -1(x^2 + 4x) - 8$