Name

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

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

$$y = 3x^2 - 18x + 25$$

A	$y = 3(x^2 - 6x) + 23$	B	$y = 3(x^2 + 6x) + 25$
C	$y = 3(x^2 - 6x) + 25$	D	$y = 3(x^2 + 18x) + 25$
E	$y = 3(x^2 - 6x) + 24$		

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

$$y = 5x^2 + 20x + 19$$

A	$y = 5(x^2 - 4x) + 19$	B	$y = 5(x^2 - 20x) + 19$
C	$y = 5(x^2 + 8x) + 19$	D	$y = 5(x^2 + 4x) + 18$
E	$y = 5(x^2 + 4x) + 19$		

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

$$y = 5x^2 + 10x + 6$$

A	$y = 5(x^2 + 2x) + 4$	B	$y = 5(x^2 - 2x) + 6$
C	$y = 5(x^2 - 10x) + 6$	D	$y = 5(x^2 + 7x) + 6$
E	$y = 5(x^2 + 2x) + 6$		

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

$$y = 5x^2 - 10x + 2$$

A	$y = 5(x^2 + 10x) + 2$	B	$y = 5(x^2 - 2x) + 2$
C	$y = 5(x^2 - 2x) + 1$	D	$y = 5(x^2 - 3x) + 2$
E	$y = 5(x^2 + 2x) + 2$		

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

$$y = 4x^2 - 16x + 17$$

A	$y = 4(x^2 - 4x) + 19$	B	$y = 4(x^2 + 16x) + 17$
C	$y = 4(x^2 + 4x) + 17$	D	$y = 4(x^2 - 4x) + 17$
E	$y = 4(x^2 - 4x) + 16$		

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

$$y = 5x^2 - 30x + 49$$

A	$y = 5(x^2 - 6x) + 48$	B	$y = 5(x^2 - 6x) + 49$
C	$y = 5(x^2 + 30x) + 49$	D	$y = 5(x^2 + 6x) + 49$
E	$y = 5(x^2 - 6x) + 50$		

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

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

A	$y = 2(x^2 - 4x) + 5$	B	$y = 2(x^2 - 8x) + 5$
C	$y = 2(x^2 + 4x) + 4$	D	$y = 2(x^2 + 2x) + 5$
E	$y = 2(x^2 + 4x) + 5$		

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

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

A	$y = 2(x^2 - 4x) + 9$	B	$y = 2(x^2 + 8x) + 7$
C	$y = 2(x^2 - 4x) + 8$	D	$y = 2(x^2 - 4x) + 7$
E	$y = 2(x^2 + 4x) + 7$		