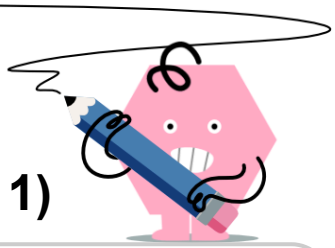
Name

Quadratic Equation Complete Square - Partially to Fully Complete (Coefficient 1)



1 Solve the square polynomial to finish factoring

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

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

2 Solve the square polynomial to finish factoring

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

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

3 Solve the square polynomial to finish factoring

$$y = (x^2 + 4x + 4) - 4 + 6$$

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

4 Solve the square polynomial to finish factoring

$$y = (x^2 + 6x + 9) - 9 + 11$$

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

5 Solve the square polynomial to finish factoring

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

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

6 Solve the square polynomial to finish factoring

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

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

7 Solve the square polynomial to finish factoring

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

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

8 Solve the square polynomial to finish factoring

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

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