

Quadratic - Converting to Vertex Form #1

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Answer Sheet

Question 1

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

Question 2

$$y = -3(x-1)^2 + 5$$

Question 3

$$y = 3(x+2)^2 - 10$$

Question 4

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

Question 5

Vertex is a minimum at $(-3, -10)$

Question 6

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

Question 7

Vertex is a minimum at $(-1, -3)$

Question 8

$$y = 0.5(x+2)^2 - 8$$

Question 9

$$y = -\frac{1}{2}(x-4)^2 + 10$$

Question 10

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