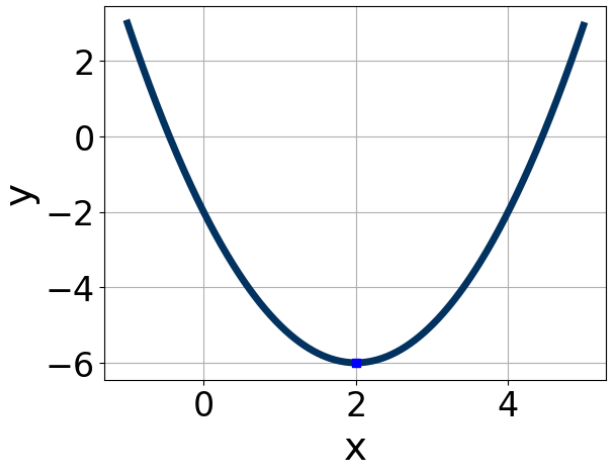
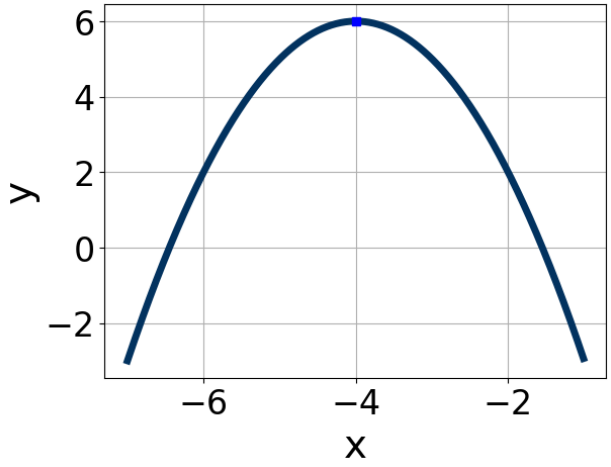
1. Write the equation of the graph presented below in the form $f(x) = ax^2 + bx + c$, assuming $a = 1$ or $a = -1$.



2. Write the equation of the graph presented below in the form $f(x) = ax^2 + bx + c$, assuming $a = 1$ or $a = -1$.



3. Solve the quadratic equation below.

$$-14x^2 - 14x + 9 = 0$$

4. Solve the quadratic equation below.

$$15x^2 - 38x + 24 = 0$$

5. Factor the quadratic below into the form $(ax + b)(cx + d)$.

$$54x^2 + 57x + 10$$

6. Graph the equation below.

$$f(x) = (x-3)^2 - 17$$

7. Graph the equation below.

$$f(x) = -(x-1)^2 - 17$$

8. Solve the quadratic equation below.

$$18x^2 + 14x + 2 = 0$$

9. Factor the quadratic below into the form $(ax + b)(cx + d)$.

$$24x^2 - 2x - 15$$

10. Solve the quadratic equation below.

$$10x^2 + 57x + 54 = 0$$