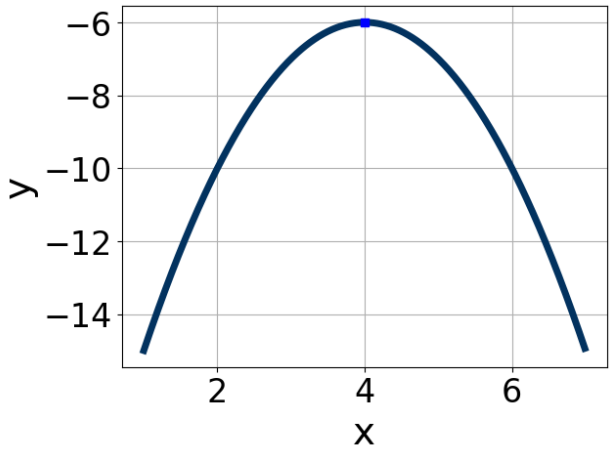
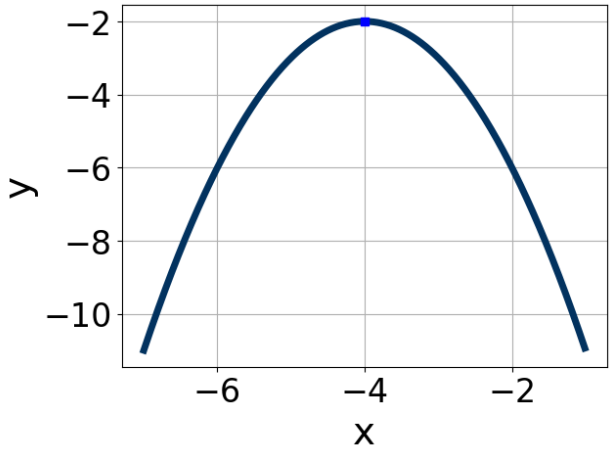
1. Write the equation of the graph presented below in the form $f(x) = ax^2 + bx + c$, assuming $a = 1$ or $a = -1$.



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.

$$13x^2 - 11x - 6 = 0$$

4. Solve the quadratic equation below.

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

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

$$24x^2 + 38x + 15$$

6. Graph the equation below.

$$f(x) = -(x+2)^2 - 13$$

7. Graph the equation below.

$$f(x) = -(x+4)^2 - 15$$

8. Solve the quadratic equation below.

$$-16x^2 - 11x + 3 = 0$$

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

$$24x^2 + 50x + 25$$

10. Solve the quadratic equation below.

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