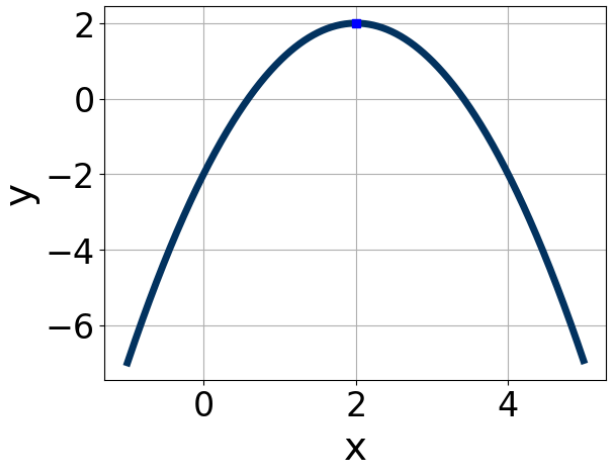
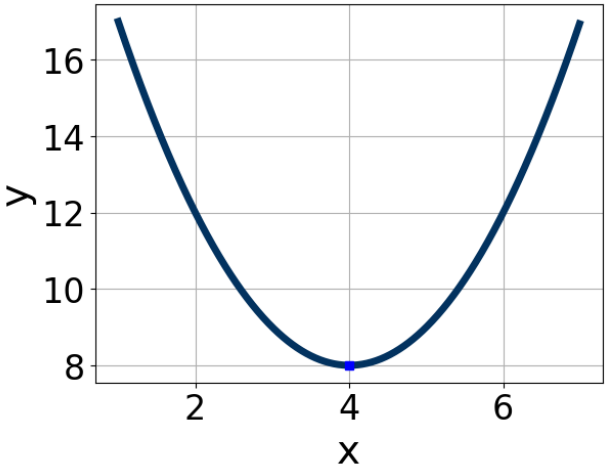
1. Write the equation of the graph presented below in the form $f(x) = ax^2 + bx + c$, assuming $a = 1$ or $a = -1$.



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.

$$17x^2 - 13x - 5 = 0$$

4. Solve the quadratic equation below.

$$25x^2 + 60x + 36 = 0$$

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

$$81x^2 - 18x - 8$$

6. Graph the equation below.

$$f(x) = -(x+4)^2 + 14$$

7. Graph the equation below.

$$f(x) = -(x+2)^2 - 10$$

8. Solve the quadratic equation below.

$$-17x^2 + 15x + 4 = 0$$

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

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

10. Solve the quadratic equation below.

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