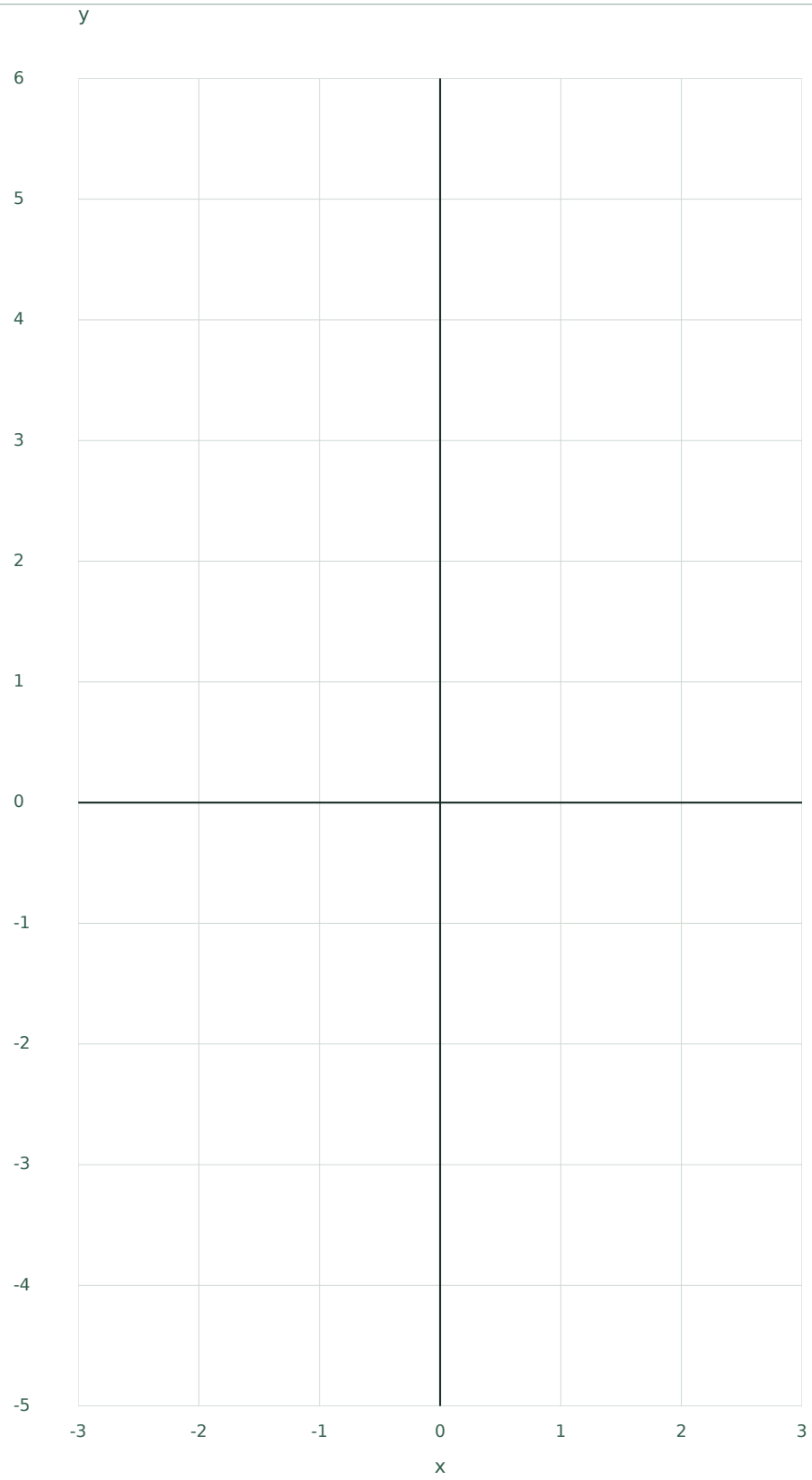
Solving Quadratics by Graphing: Find the x-Intercepts

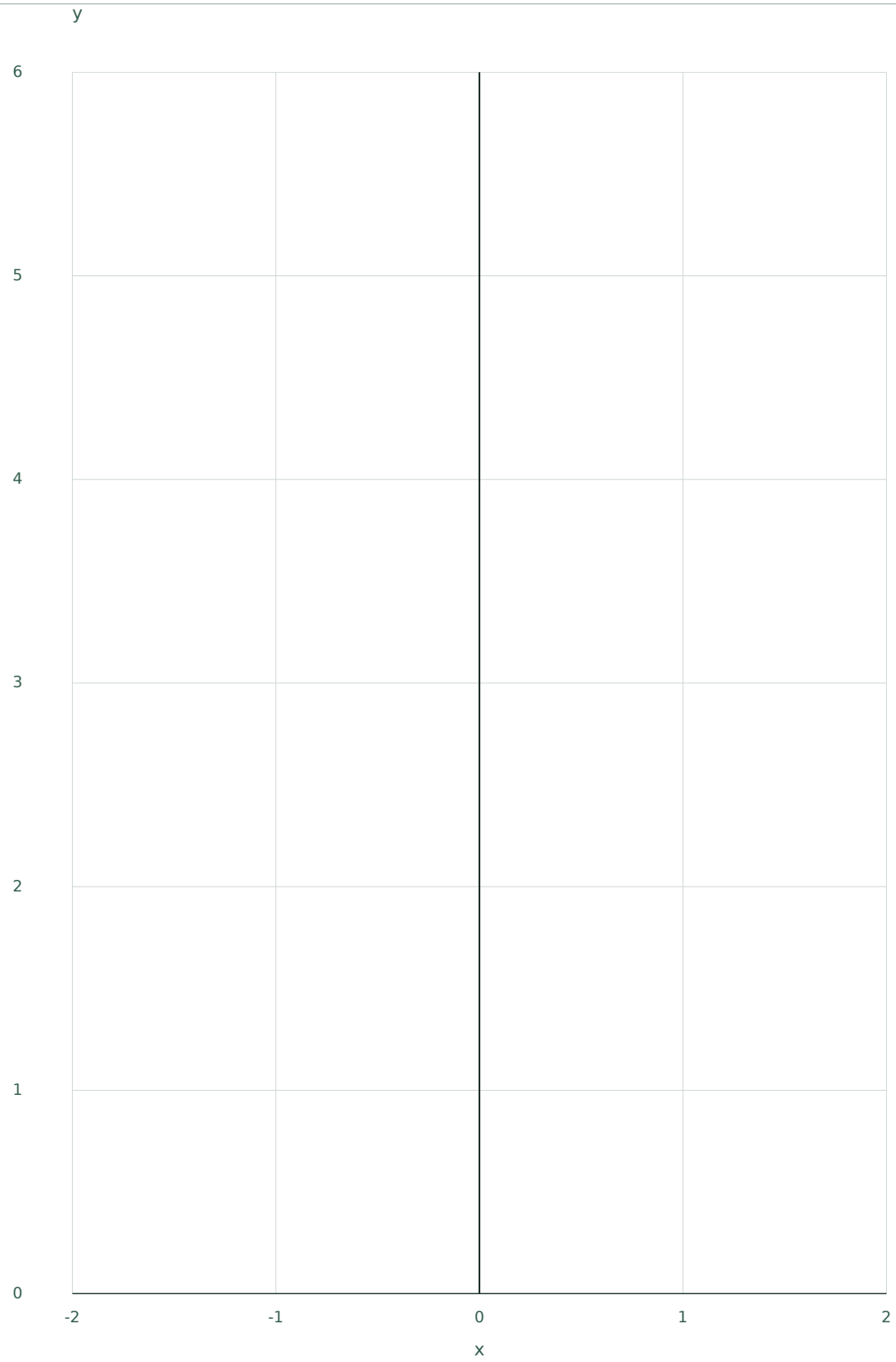
Worksheet: Solve by Graphing



Exercise 1: Solve $x^2 - 4 = 0$ by graphing $y = x^2 - 4$. Use x-values from -3 to 3. Record x-intercepts as solutions.

Solving Quadratics by Graphing: Find the x-Intercepts

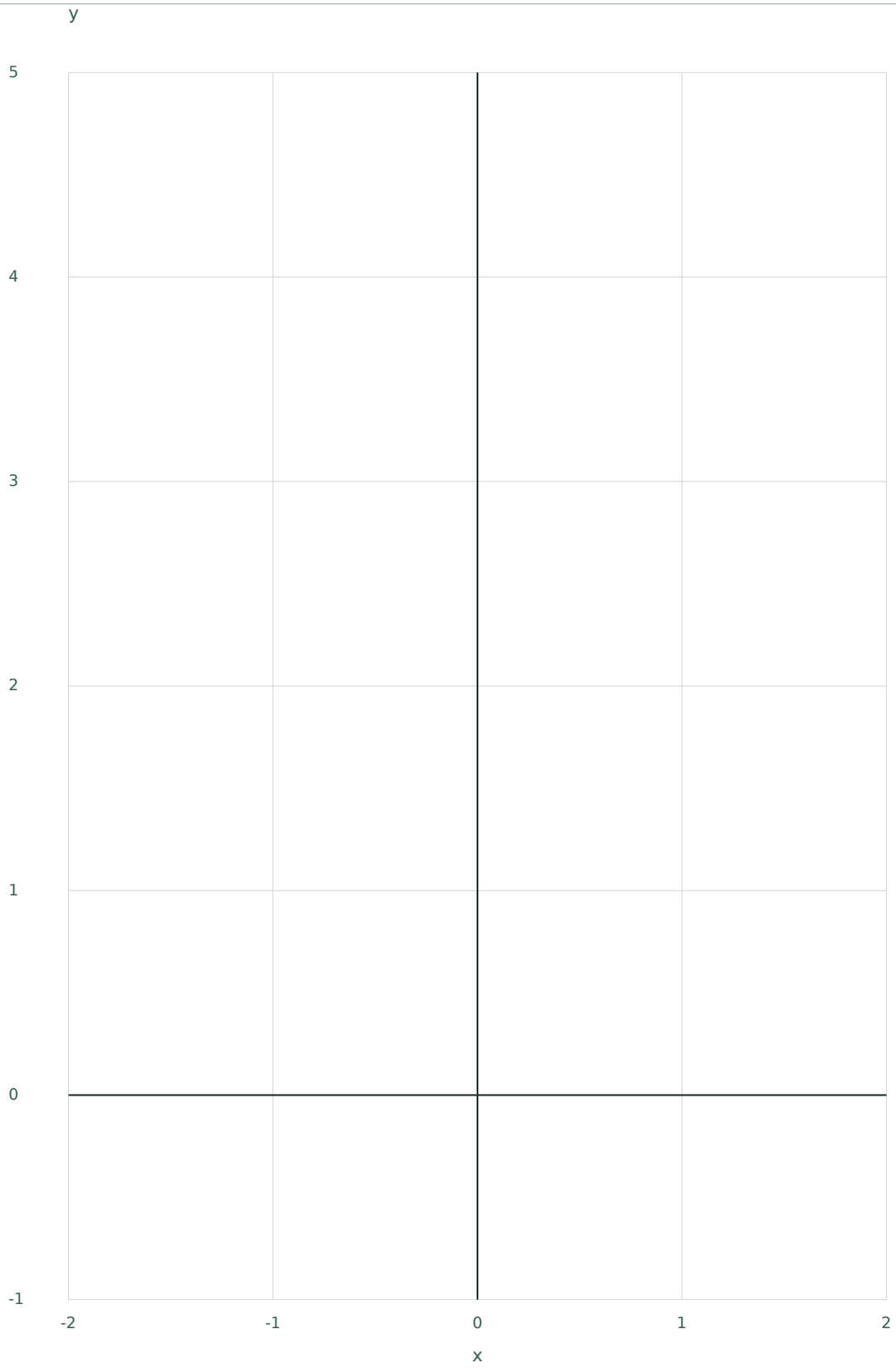
Worksheet Exercise 2



Exercise 2: Solve $x^2 + 1 = 0$ by graphing $y = x^2 + 1$. Use x-values from -2 to 2. Record x-intercepts as solutions.

Solving Quadratics by Graphing: Find the x-Intercepts

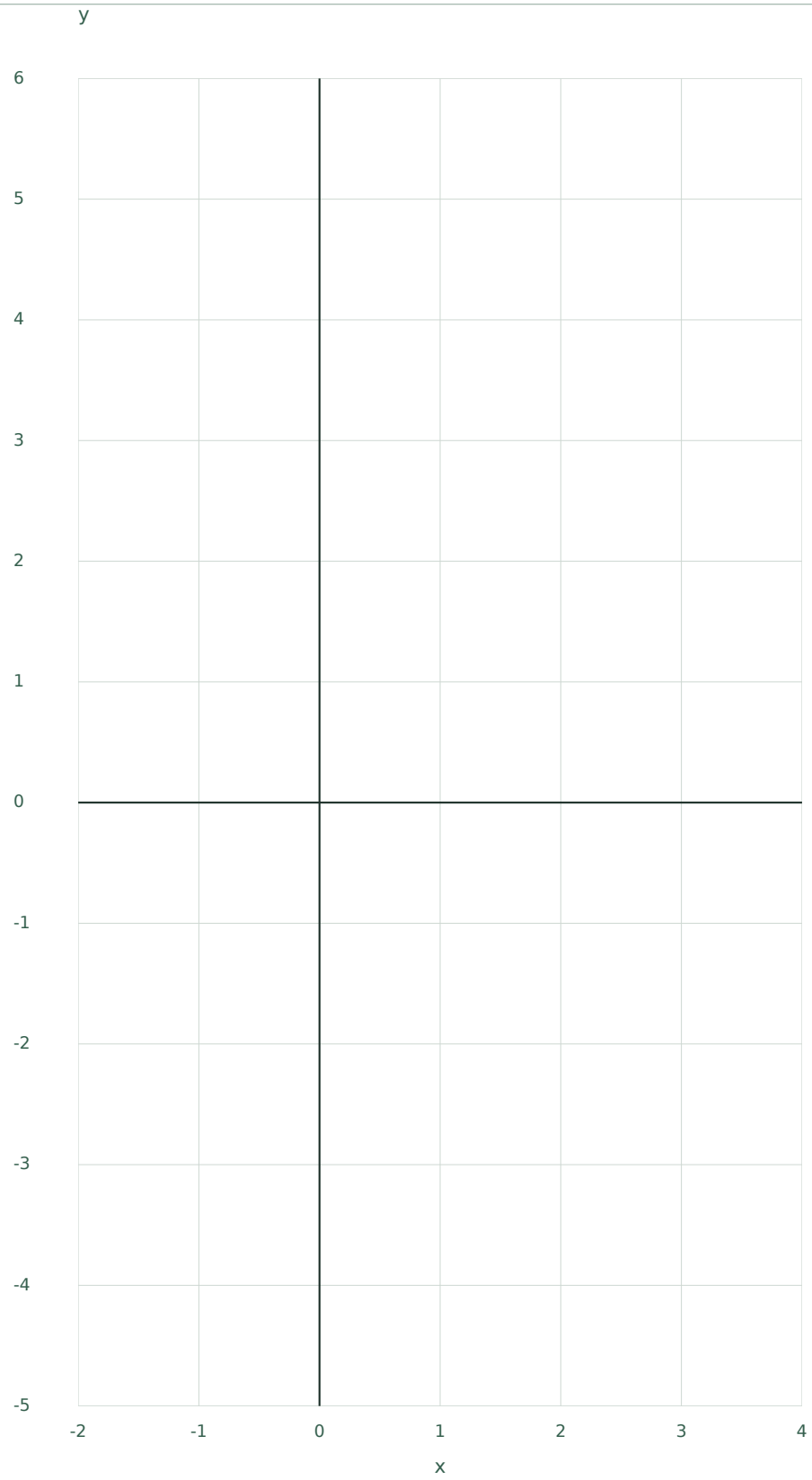
Worksheet Exercise 3



Exercise 3: Solve $x^2 = 0$ by graphing $y = x^2$. Use x-values from -2 to 2. Record x-intercepts as solutions.

Solving Quadratics by Graphing: Find the x-Intercepts

Worksheet Exercise 4



Exercise 4: Solve $x^2 - 2x - 3 = 0$ by graphing $y = x^2 - 2x - 3$. Use x-values from -2 to 4. Record x-intercepts as solutions.

Solving Quadratics by Graphing: Find the x-Intercepts

Original tasks 1, 2, 3 / blank responses

Task 1

Solve $x^2 - 4 = 0$ by graphing $y = x^2 - 4$. Use x-values from -3 to 3.

Task 2

Solve $x^2 + 1 = 0$ by graphing $y = x^2 + 1$. Use x-values from -2 to 2.

Task 3

Solve $x^2 = 0$ by graphing $y = x^2$. Use x-values from -2 to 2.

Solving Quadratics by Graphing: Find the x-Intercepts

Original tasks 4 / blank responses

Task 4

Solve $x^2 - 2x - 3 = 0$ by graphing $y = x^2 - 2x - 3$. Use x-values from -2 to 4.