1. What is the domain of the function below?

$$f(x) = \sqrt[6]{6x - 4}$$

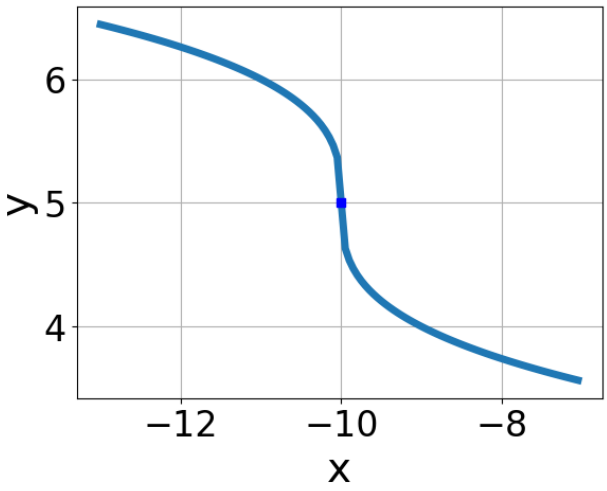
2. Solve the radical equation below.

$$\sqrt{49x^2 + 30} - \sqrt{-77x} = 0$$

3. Solve the radical equation below.

$$\sqrt{-5x+6} - \sqrt{-9x+7} = 0$$

4. Write the equation of the function graphed below.



5. Sketch a graph of the equation below.

$$f(x) = -\sqrt[3]{x - 10} + 4$$

6. What is the domain of the function below?

$$f(x) = \sqrt[8]{-4x + 6}$$

7. Sketch a graph of the equation below.

$$f(x) = -\sqrt[3]{x+6} + 6$$

8. Solve the radical equation below.

$$\sqrt{6x-8}-\sqrt{-8x+2}=0$$

9. Solve the radical equation below.

$$\sqrt{36x^2 - 15} - \sqrt{-12x} = 0$$

10. Write the equation of the function graphed below.