1. What is the domain of the function below?

$$f(x) = \sqrt[3]{-9x - 3}$$

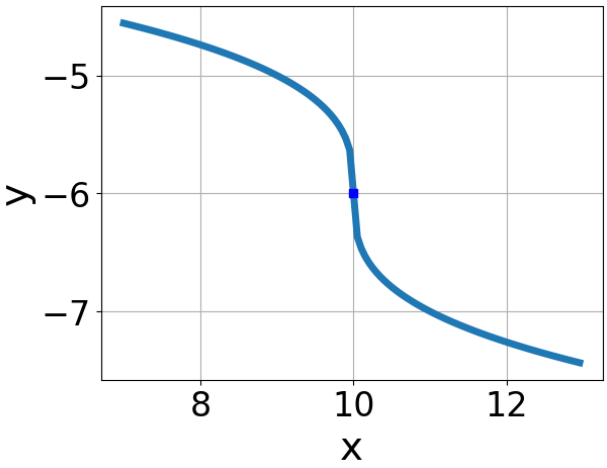
2. Solve the radical equation below.

$$\sqrt{72x^2 + 45} - \sqrt{121x} = 0$$

3. Solve the radical equation below.

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

4. Write the equation of the function graphed below.



5. Sketch a graph of the equation below.

$$f(x) = \sqrt[3]{x + 12} - 6$$

6. What is the domain of the function below?

$$f(x) = \sqrt[3]{5x + 9}$$

7. Sketch a graph of the equation below.

$$f(x) = \sqrt[3]{x-8} - 4$$

8. Solve the radical equation below.

$$\sqrt{7x-4}-\sqrt{-4x+7}=0$$

9. Solve the radical equation below.

$$\sqrt{24x^2 - 10} - \sqrt{1x} = 0$$

10. Write the equation of the function graphed below.