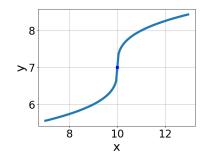
1. Solve the radical equation below. Then, choose the interval(s) that the solution(s) belongs to.

$$\sqrt{-3x+7} - \sqrt{9x-5} = 0$$

- A. $x_1 \in [0.19, 0.87]$ and $x_2 \in [-2, 4]$
- B. All solutions lead to invalid or complex values in the equation.
- C. $x_1 \in [0.85, 1.06]$ and $x_2 \in [-2, 4]$
- D. $x \in [0.08, 0.19]$
- E. $x \in [0.85, 1.06]$
- 2. What is the domain of the function below?

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

- A. The domain is $[a, \infty)$, where $a \in [-2.1, -0.6]$
- B. The domain is $(-\infty, a]$, where $a \in [-1.4, 2.1]$
- C. The domain is $[a, \infty)$, where $a \in [-1.1, 2.2]$
- D. The domain is $(-\infty, a]$, where $a \in [-2.7, -1.8]$
- E. $(-\infty, \infty)$
- 3. Choose the equation of the function graphed below.



- A. $f(x) = \sqrt[3]{x-8} + 5$
- B. $f(x) = -\sqrt[3]{x-8} + 5$

C.
$$f(x) = -\sqrt[3]{x+8} + 5$$

D.
$$f(x) = \sqrt[3]{x+8} + 5$$

E. None of the above

4. Solve the radical equation below. Then, choose the interval(s) that the solution(s) belongs to.

$$\sqrt{-56x^2 + 15} - \sqrt{-19x} = 0$$

A.
$$x \in [-0.75, 0.18]$$

B.
$$x_1 \in [-0.75, 0.18]$$
 and $x_2 \in [-1, 2]$

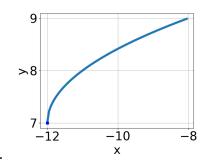
C. All solutions lead to invalid or complex values in the equation.

D.
$$x \in [0.45, 1.07]$$

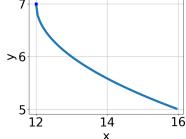
E.
$$x_1 \in [0.09, 0.59]$$
 and $x_2 \in [-1, 2]$

5. Choose the graph of the equation below.

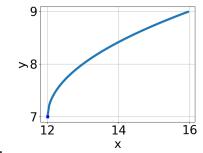
$$f(x) = -\sqrt{x - 12} + 7$$



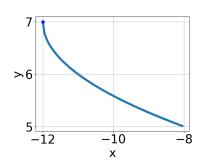








С.



В.

E. None of the above.

debug Version B