

Simplify Radicals

1.

$$\sqrt{85x}$$

The expression above should be further simplified for which value of x ?

- A. 61
 - B. 205
 - C. 2
 - D. 82
-

2.

$$7\sqrt{7x}$$

Which value of x makes the expression above equivalent to $28\sqrt{7}$?

- A. 784
 - B. 4
 - C. 112
 - D. 16
-

3.

$$\sqrt{141x}$$

The expression above should be further simplified for which value of x ?

- A. 21
 - B. 34
 - C. 122
 - D. 7
-

4.

$$2\sqrt{89x}$$

Which value of x makes the expression above equivalent to $22\sqrt{89}$?

- A. 121
 - B. 242
 - C. 11
 - D. 484
-

5.

$$\sqrt{47x}$$

Which value of x makes the expression above equivalent to $22\sqrt{47}$?

- A. 44
- B. 484
- C. 22
- D. 1,034

Answers

1. B
2. D
3. A
4. A
5. B