

## Solve each problem.

1) Which equation has only 10 as a possible value of x?

A. 
$$x^3 = 100$$

B. 
$$x^3 = 30$$

C. 
$$x^2 = 1000$$

D. 
$$x^3 = 1000$$

A.  $x^3 = 64$ 

B.  $x^2 = 512$ 

C.  $x^3 = 512$ 

D.  $x^2 = 64$ 

possible value of x?

2) Which equation has only 6 as a possible value of x?

A. 
$$x^3 = 18$$

B. 
$$x^2 = 216$$

C. 
$$x^2 = 18$$

D. 
$$x^3 = 216$$

Answers

- 4) Which equation has both 10 and -10 as a possible value of x?

A. 
$$x^3 = 20$$

B. 
$$x^2 = 100$$

C. 
$$x^2 = 20$$

D. 
$$x^3 = 100$$

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5) Which equation has both 7 and -7 as a possible value of x?

3) Which equation has both 8 and -8 as a

A. 
$$x^2 = 49$$

B. 
$$x^3 = 343$$

C. 
$$x^2 = 14$$

D. 
$$x^2 = 343$$

6) Which equation has only 4 as a possible value of x?

A. 
$$x^3 = 12$$

B. 
$$x^3 = 64$$

C. 
$$x^3 = 16$$

D. 
$$x^2 = 12$$

7) Which equation has only 7 as a possible value of x?

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C. 
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D. 
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8) Which equation has both 5 and -5 as a possible value of x?

A. 
$$x^2 = 25$$

B. 
$$x^3 = 25$$

C. 
$$x^2 = 10$$

D. 
$$x^3 = 125$$

9) Which equation has only 5 as a possible value of x?

A. 
$$x^2 = 125$$

B. 
$$x^2 = 25$$

C. 
$$x^3 = 125$$

D. 
$$x^2 = 15$$

**10)** Which equation has only 8 as a possible value of x?

A. 
$$x^2 = 512$$

B. 
$$x^2 = 24$$

C. 
$$x^3 = 512$$

D. 
$$x^3 = 64$$



## Name: Answer Key

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- **Answers**
- ı. **D**
- 2. **D** 
  - . **D**
  - **. B**
- 5. **A**
- 6. <u>B</u>
- \_\_\_\_**D**\_\_\_
- 8. **A**
- 9. **C**
- 10. C