



Solve each problem.

Answers

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

- A. $x^2 = 64$
- B. $x^3 = 16$
- C. $x^2 = 16$
- D. $x^2 = 8$

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

- A. $x^2 = 21$
- B. $x^2 = 343$
- C. $x^3 = 343$
- D. $x^3 = 21$

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

- A. $x^2 = 30$
- B. $x^3 = 1000$
- C. $x^2 = 100$
- D. $x^3 = 100$

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

- A. $x^3 = 27$
- B. $x^3 = 81$
- C. $x^2 = 27$
- D. $x^3 = 729$

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

- A. $x^3 = 216$
- B. $x^3 = 36$
- C. $x^2 = 36$
- D. $x^2 = 216$

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

- A. $x^2 = 25$
- B. $x^3 = 15$
- C. $x^3 = 25$
- D. $x^3 = 125$

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

- A. $x^3 = 14$
- B. $x^3 = 49$
- C. $x^2 = 343$
- D. $x^2 = 49$

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

- A. $x^3 = 64$
- B. $x^3 = 12$
- C. $x^2 = 64$
- D. $x^2 = 12$

9) Which equation has both 6 and -6 as a possible value of x ?

- A. $x^2 = 36$
- B. $x^2 = 12$
- C. $x^3 = 216$
- D. $x^2 = 216$

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

- A. $x^2 = 64$
- B. $x^3 = 24$
- C. $x^2 = 512$
- D. $x^3 = 512$

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____



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Answers

1. **C**
2. **C**
3. **B**
4. **D**
5. **A**
6. **D**
7. **D**
8. **A**
9. **A**
10. **D**