



Solve each problem.

Answers

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

- A. $x^2 = 729$
- B. $x^3 = 81$
- C. $x^2 = 81$
- D. $x^3 = 18$

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

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

3) Which equation has both 8 and -8 as a possible value of x ?

- A. $x^2 = 64$
- B. $x^3 = 64$
- C. $x^2 = 16$
- D. $x^3 = 512$

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

- A. $x^3 = 49$
- B. $x^3 = 343$
- C. $x^2 = 343$
- D. $x^2 = 21$

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

- A. $x^2 = 36$
- B. $x^3 = 216$
- C. $x^2 = 216$
- D. $x^2 = 18$

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

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

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

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

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

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

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

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

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

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

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



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- 10) Which equation has both 5 and -5 as a possible value of x ?
A. $x^2 = 125$
B. $x^3 = 125$
C. $x^2 = 25$
D. $x^3 = 25$

Answers

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