



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. _____



Solve each problem.

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. $x^3 = 18$

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. $x^3 = 512$

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. $x^2 = 18$

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. $x^3 = 64$

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. $x^3 = 27$

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. $x^2 = 36$

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. $x^2 = 21$

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. $x^3 = 100$

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. $x^2 = 24$

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. $x^3 = 25$

Answers1. **C** 2. **D** 3. **A** 4. **B** 5. **B** 6. **A** 7. **D** 8. **A** 9. **A** 10. **C**