



Solve each problem.

Answers1) Which equation has both 4 and -4 as a possible value of x ?

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

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

- A. $x^2 = 64$
- B. $x^2 = 12$
- C. $x^3 = 16$
- D. $x^3 = 64$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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C. $x^2 = 216$
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- 9) Which equation has both 9 and -9 as a possible value of x ?
- A. $x^2 = 81$
B. $x^2 = 729$
C. $x^2 = 18$
D. $x^3 = 18$
- 10) Which equation has both 7 and -7 as a possible value of x ?
- A. $x^2 = 49$
B. $x^3 = 343$
C. $x^3 = 49$
D. $x^3 = 14$

Answers

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