



Solve each problem.

Answers

- 1) Which equation has only 9 as a possible value of x ?
 A. $x^2 = 729$
 B. $x^2 = 81$
 C. $x^2 = 27$
 D. $x^3 = 729$
- 2) Which equation has only 6 as a possible value of x ?
 A. $x^3 = 18$
 B. $x^2 = 36$
 C. $x^2 = 18$
 D. $x^3 = 216$
- 3) Which equation has only 5 as a possible value of x ?
 A. $x^3 = 125$
 B. $x^2 = 15$
 C. $x^3 = 15$
 D. $x^2 = 125$
- 4) Which equation has only 10 as a possible value of x ?
 A. $x^3 = 100$
 B. $x^2 = 100$
 C. $x^3 = 1000$
 D. $x^2 = 1000$
- 5) Which equation has only 4 as a possible value of x ?
 A. $x^2 = 12$
 B. $x^3 = 12$
 C. $x^2 = 64$
 D. $x^3 = 64$
- 6) Which equation has both 7 and -7 as a possible value of x ?
 A. $x^3 = 343$
 B. $x^2 = 343$
 C. $x^3 = 49$
 D. $x^2 = 49$
- 7) Which equation has only 8 as a possible value of x ?
 A. $x^2 = 24$
 B. $x^3 = 512$
 C. $x^3 = 24$
 D. $x^2 = 512$
- 8) Which equation has both 5 and -5 as a possible value of x ?
 A. $x^3 = 25$
 B. $x^2 = 125$
 C. $x^2 = 25$
 D. $x^2 = 10$
- 9) Which equation has only 7 as a possible value of x ?
 A. $x^2 = 343$
 B. $x^2 = 49$
 C. $x^3 = 343$
 D. $x^3 = 49$
- 10) Which equation has both 4 and -4 as a possible value of x ?
 A. $x^3 = 8$
 B. $x^2 = 8$
 C. $x^2 = 16$
 D. $x^3 = 64$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
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Answers

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