

**Solve each problem.****Answers**

- 1) Which equation has only 9 as a possible value of x .
A. $x^3 = 81$
B. $x^2 = 27$
C. $x^3 = 27$
D. $x^3 = 729$
- 2) Which equation has both 8 and -8 as a possible value of x ?
A. $x^2 = 64$
B. $x^3 = 512$
C. $x^2 = 512$
D. $x^3 = 64$
- 3) Which equation has only 5 as a possible value of x .
A. $x^2 = 15$
B. $x^3 = 25$
C. $x^3 = 125$
D. $x^2 = 25$
- 4) Which equation has both 7 and -7 as a possible value of x ?
A. $x^2 = 49$
B. $x^3 = 343$
C. $x^3 = 14$
D. $x^3 = 49$
- 5) Which equation has only 10 as a possible value of x .
A. $x^2 = 100$
B. $x^3 = 1000$
C. $x^3 = 100$
D. $x^3 = 30$
- 6) Which equation has only 7 as a possible value of x .
A. $x^3 = 49$
B. $x^2 = 343$
C. $x^3 = 21$
D. $x^3 = 343$
- 7) Which equation has both 10 and -10 as a possible value of x ?
A. $x^2 = 100$
B. $x^2 = 1000$
C. $x^3 = 20$
D. $x^3 = 100$
- 8) Which equation has both 5 and -5 as a possible value of x ?
A. $x^2 = 10$
B. $x^2 = 25$
C. $x^3 = 125$
D. $x^3 = 10$
- 9) Which equation has both 6 and -6 as a possible value of x ?
A. $x^3 = 216$
B. $x^3 = 12$
C. $x^2 = 36$
D. $x^3 = 36$
- 10) Which equation has both 4 and -4 as a possible value of x ?
A. $x^2 = 16$
B. $x^3 = 64$
C. $x^3 = 8$
D. $x^3 = 16$

1. _____
2. _____
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D. $x^3 = 16$

Answers

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