



Solve each problem.

- 1) Which equation has only 8 as a possible value of x .
A. $x^2 = 64$
B. $x^3 = 64$
C. $x^3 = 512$
D. $x^2 = 512$
- 2) Which equation has both 8 and -8 as a possible value of x ?
A. $x^2 = 64$
B. $x^2 = 16$
C. $x^3 = 64$
D. $x^3 = 512$
- 3) Which equation has both 10 and -10 as a possible value of x ?
A. $x^3 = 100$
B. $x^2 = 100$
C. $x^2 = 1000$
D. $x^2 = 20$
- 4) Which equation has both 6 and -6 as a possible value of x ?
A. $x^3 = 216$
B. $x^2 = 36$
C. $x^2 = 12$
D. $x^2 = 216$
- 5) Which equation has only 7 as a possible value of x .
A. $x^2 = 21$
B. $x^2 = 49$
C. $x^3 = 343$
D. $x^3 = 49$
- 6) Which equation has only 6 as a possible value of x .
A. $x^3 = 216$
B. $x^2 = 36$
C. $x^2 = 216$
D. $x^3 = 18$
- 7) Which equation has both 5 and -5 as a possible value of x ?
A. $x^2 = 25$
B. $x^2 = 10$
C. $x^2 = 125$
D. $x^3 = 125$
- 8) Which equation has only 10 as a possible value of x .
A. $x^3 = 30$
B. $x^3 = 1000$
C. $x^2 = 100$
D. $x^2 = 1000$
- 9) Which equation has both 9 and -9 as a possible value of x ?
A. $x^3 = 81$
B. $x^2 = 729$
C. $x^2 = 81$
D. $x^3 = 729$
- 10) Which equation has only 4 as a possible value of x .
A. $x^3 = 12$
B. $x^3 = 16$
C. $x^3 = 64$
D. $x^2 = 12$

Answers

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



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

Answers

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