



Solve each problem.

Answers

- 1) Which equation has only 5 as a possible value of x ?
A. $x^3 = 125$
B. $x^2 = 15$
C. $x^2 = 25$
D. $x^3 = 15$
- 2) Which equation has both 6 and -6 as a possible value of x ?
A. $x^2 = 216$
B. $x^2 = 36$
C. $x^2 = 12$
D. $x^3 = 36$
- 3) Which equation has both 5 and -5 as a possible value of x ?
A. $x^3 = 125$
B. $x^2 = 125$
C. $x^2 = 10$
D. $x^2 = 25$
- 4) Which equation has only 10 as a possible value of x ?
A. $x^2 = 100$
B. $x^2 = 1000$
C. $x^3 = 30$
D. $x^3 = 1000$
- 5) Which equation has both 10 and -10 as a possible value of x ?
A. $x^2 = 20$
B. $x^2 = 100$
C. $x^3 = 1000$
D. $x^3 = 20$
- 6) Which equation has both 4 and -4 as a possible value of x ?
A. $x^2 = 16$
B. $x^3 = 8$
C. $x^2 = 8$
D. $x^3 = 64$
- 7) Which equation has only 4 as a possible value of x ?
A. $x^3 = 64$
B. $x^3 = 12$
C. $x^2 = 64$
D. $x^3 = 16$
- 8) Which equation has both 8 and -8 as a possible value of x ?
A. $x^2 = 16$
B. $x^2 = 64$
C. $x^3 = 512$
D. $x^2 = 512$
- 9) Which equation has both 9 and -9 as a possible value of x ?
A. $x^3 = 18$
B. $x^2 = 729$
C. $x^3 = 81$
D. $x^2 = 81$
- 10) Which equation has only 8 as a possible value of x ?
A. $x^3 = 512$
B. $x^2 = 512$
C. $x^2 = 64$
D. $x^3 = 64$

1. _____
2. _____
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4. _____
5. _____
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Answers

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