

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

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

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

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

A. $x^2 = 100$
B. $x^3 = 1000$
C. $x^2 = 1000$
D. $x^3 = 20$

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

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

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

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

- 5) 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. $x^2 = 125$

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

A. $x^2 = 100$
B. $x^3 = 100$
C. $x^2 = 30$
D. $x^3 = 1000$

- 7) Which equation has both 8 and -8 as a possible value of x ?

A. $x^3 = 512$
B. $x^2 = 512$
C. $x^2 = 64$
D. $x^2 = 16$

- 8) 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. $x^3 = 49$

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

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

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

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

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

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