

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

- 1) Which equation has both 4 and -4 as a possible value of x? 2) Which equation has both 9 and -9 as a possible value of x?

A. $x^3 = 64$

A. $x^3 = 81$

B. $x^2 = 16$

B. $x^3 = 729$

C. $x^2 = 64$

C. $x^2 = 81$

D. $x^3 = 8$

D. $x^2 = 18$

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

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

A. $x^3 = 12$

A. $x^3 = 21$

B. $x^3 = 64$

B. $x^3 = 49$

C. $x^2 = 64$

C. $x^2 = 21$

D. $x^3 = 16$

D. $x^3 = 343$

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

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

A. $x^3 = 1000$

A. $x^2 = 36$

B. $x^3 = 30$

B. $x^2 = 18$

C. $x^2 = 100$

C. $x^3 = 216$

D. $x^2 = 1000$

D. $x^3 = 36$

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

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

A. $x^3 = 81$

A. $x^2 = 1000$

B. $x^3 = 27$

B. $x^3 = 1000$

C. $x^2 = 81$

C. $x^3 = 100$

D. $x^3 = 729$

D. $x^2 = 100$

- 9) Which equation has both 8 and -8 as a possible value of x? 10) Which equation has only 8 as a possible value of x?

A. $x^2 = 64$

A. $x^3 = 24$

B. $x^3 = 64$

B. $x^3 = 64$

C. $x^2 = 16$

C. $x^2 = 64$

D. $x^2 = 512$

D. $x^3 = 512$

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



Solve each problem.

- 1) Which equation has both 4 and -4 as a possible value of x? 2) Which equation has both 9 and -9 as a possible value of x?

A. $x^3 = 64$

B. $x^2 = 16$

C. $x^2 = 64$

D. $x^3 = 8$

A. $x^3 = 81$

B. $x^3 = 729$

C. $x^2 = 81$

D. $x^2 = 18$

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

A. $x^3 = 12$

B. $x^3 = 64$

C. $x^2 = 64$

D. $x^3 = 16$

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

A. $x^3 = 21$

B. $x^3 = 49$

C. $x^2 = 21$

D. $x^3 = 343$

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

A. $x^3 = 1000$

B. $x^3 = 30$

C. $x^2 = 100$

D. $x^2 = 1000$

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

A. $x^2 = 36$

B. $x^2 = 18$

C. $x^3 = 216$

D. $x^3 = 36$

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

A. $x^3 = 81$

B. $x^3 = 27$

C. $x^2 = 81$

D. $x^3 = 729$

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

A. $x^2 = 1000$

B. $x^3 = 1000$

C. $x^3 = 100$

D. $x^2 = 100$

- 9) Which equation has both 8 and -8 as a possible value of x? 10) Which equation has only 8 as a possible value of x?

A. $x^2 = 64$

B. $x^3 = 64$

C. $x^2 = 16$

D. $x^2 = 512$

A. $x^3 = 24$

B. $x^3 = 64$

C. $x^2 = 64$

D. $x^3 = 512$

Answers1. **B**2. **C**3. **B**4. **D**5. **A**6. **C**7. **D**8. **D**9. **A**10. **D**