

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

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

A. $x^3 = 18$
B. $x^3 = 216$
C. $x^2 = 36$
D. $x^3 = 36$

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

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

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

A. $x^2 = 27$
B. $x^3 = 27$
C. $x^3 = 81$
D. $x^3 = 729$

- 4) Which equation has both 5 and -5 as a possible value of x ?

A. $x^2 = 10$
B. $x^3 = 125$
C. $x^2 = 125$
D. $x^2 = 25$

- 5) Which equation has only 8 as a possible value of x ?

A. $x^2 = 24$
B. $x^3 = 64$
C. $x^3 = 512$
D. $x^3 = 24$

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

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

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

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

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

A. $x^2 = 125$
B. $x^3 = 15$
C. $x^3 = 125$
D. $x^2 = 15$

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

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

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

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

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



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Answers

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