Solve each problem.

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

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

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

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

1. _____

2. _____

3. _____

4. _____

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

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

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

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

5. _____

6. _____

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

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

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

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

7. _____

8. _____

9. _____

10. _____

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

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

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

A. $x^2 = 14$
B. $x^3 = 49$
C. $x^3 = 14$
D. $x^2 = 49$

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

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

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

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

1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0

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

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

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

Answers

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