Solve each problem.

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

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

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

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

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

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

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

A. $x^3 = 12$
B. $x^3 = 16$
C. $x^2 = 64$
D. $x^3 = 64$

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

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

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

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

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

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

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

A. $x^2 = 81$
B. $x^3 = 81$
C. $x^2 = 18$
D. $x^3 = 729$

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

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

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

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

Answers

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

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

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

Answers

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

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