Solve each problem.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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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Answers

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

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