Solve each problem.

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

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

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

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

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

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

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

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

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

A. $x^2 = 49$
B. $x^3 = 343$
C. $x^2 = 14$
D. $x^2 = 343$

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

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

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

A. $x^2 = 21$
B. $x^2 = 49$
C. $x^3 = 21$
D. $x^3 = 343$

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

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

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

A. $x^2 = 125$
B. $x^2 = 25$
C. $x^3 = 125$
D. $x^2 = 15$

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

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

Answers

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

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