Solve each problem.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Answers

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

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