Name: _____

Solve each problem.

Answers

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 7 and -7 as a possible value of x?

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

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 8 and -8 as a possible value of x?

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

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

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

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 |

Name:

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. $x^3 = 36$

1. **D**

2. **A**

3. **B**

4. **C**

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

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

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. **C**

6. **B**

7. **D**

8. **A**

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. $x^3 = 125$

9. **D**

10. **D**

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

A. $x^3 = 512$
B. $x^3 = 16$
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A. $x^3 = 30$
B. $x^2 = 30$
C. $x^2 = 100$
D. $x^3 = 1000$