Answers

Solve each problem.

1) Which equation has both 8 and -8 as a possible value of x?
   A. $x^2 = 64$
   B. $x^3 = 64$
   C. $x^3 = 16$
   D. $x^3 = 512$

2) Which equation has only 7 as a possible value of x?
   A. $x^2 = 21$
   B. $x^3 = 21$
   C. $x^3 = 343$
   D. $x^2 = 49$

3) Which equation has only 9 as a possible value of x?
   A. $x^2 = 27$
   B. $x^3 = 729$
   C. $x^2 = 81$
   D. $x^3 = 27$

4) Which equation has both 4 and -4 as a possible value of x?
   A. $x^2 = 8$
   B. $x^2 = 16$
   C. $x^3 = 8$
   D. $x^2 = 64$

5) Which equation has both 9 and -9 as a possible value of x?
   A. $x^2 = 729$
   B. $x^2 = 81$
   C. $x^3 = 18$
   D. $x^2 = 18$

6) Which equation has both 7 and -7 as a possible value of x?
   A. $x^3 = 14$
   B. $x^2 = 343$
   C. $x^2 = 49$
   D. $x^3 = 343$

7) Which equation has only 5 as a possible value of x?
   A. $x^2 = 25$
   B. $x^3 = 125$
   C. $x^2 = 125$
   D. $x^3 = 15$

8) Which equation has both 6 and -6 as a possible value of x?
   A. $x^3 = 216$
   B. $x^2 = 36$
   C. $x^3 = 36$
   D. $x^2 = 12$

9) Which equation has both 5 and -5 as a possible value of x?
   A. $x^3 = 25$
   B. $x^2 = 25$
   C. $x^3 = 10$
   D. $x^2 = 125$

10) Which equation has both 10 and -10 as a possible value of x?
   A. $x^2 = 100$
   B. $x^3 = 20$
   C. $x^3 = 1000$
   D. $x^2 = 20$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

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

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1. **A**

2. **C**

3. **B**

4. **B**

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

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

5. **B**

6. **C**

7. **B**

8. **B**

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