Name:

Solve each problem.

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

A. $x^2 = 64$

B. $x^2 = 16$

C. $x^3 = 16$

D. $x^3 = 8$

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

A. $x^2 = 343$

B. $x^2 = 49$

C. $x^3 = 49$

D. $x^3 = 343$

1. _____

2. _____

3. _____

4. _____

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

A. $x^3 = 216$

B. $x^2 = 18$

C. $x^3 = 18$

D. $x^2 = 216$

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

A. $x^2 = 25$

B. $x^3 = 125$

C. $x^2 = 125$

D. $x^3 = 15$

5. _____

6. _____

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

A. $x^3 = 512$

B. $x^3 = 64$

C. $x^2 = 64$

D. $x^2 = 512$

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

A. $x^3 = 36$

B. $x^3 = 216$

C. $x^3 = 12$

D. $x^2 = 36$

7. _____

8. _____

9. _____

10. _____

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

A. $x^2 = 100$

B. $x^3 = 1000$

C. $x^3 = 100$

D. $x^2 = 30$

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

A. $x^3 = 64$

B. $x^2 = 512$

C. $x^3 = 16$

D. $x^2 = 64$

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

A. $x^2 = 16$

B. $x^3 = 64$

C. $x^2 = 12$

D. $x^3 = 12$

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

A. $x^2 = 27$

B. $x^2 = 81$

C. $x^3 = 27$

D. $x^3 = 729$

Math

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

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1.   **B**

2.   **B**

3.   **A**

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5.   **A**

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9.   **B**

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

Math