Name:

Solve each problem.

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

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

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

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

1. _____

2. _____

3. _____

4. _____

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

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

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

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

5. _____

6. _____

7. _____

8. _____

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

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

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

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

9. _____

10. _____

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

   A. $x^3 = 100$
   B. $x^2 = 100$
   C. $x^2 = 1000$
   D. $x^2 = 20$

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

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

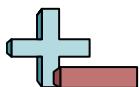**9)** Which equation has only 8 as a possible value of x?

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

10) Which equation has both 9 and -9 as a possible value of x?

   A. $x^2 = 18$
   B. $x^3 = 729$
   C. $x^3 = 18$
   D. $x^2 = 81$

Name:

Solve each problem.

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

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

1. _____ **A**

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

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

2. _____ **C**

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

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

3. _____ **A**

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

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

4. _____ **C**

5. _____ **D**

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

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

6. _____ **D**

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

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

7. _____ **B**

8. _____ **D**

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

A. $x^3 = 100$
B. $x^2 = 100$
C. $x^2 = 1000$
D. $x^2 = 20$

9. _____ **A**

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

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

10. _____ **D**

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

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

10) Which equation has both 9 and -9 as a possible value of x?

A. $x^2 = 18$
B. $x^3 = 729$
C. $x^3 = 18$
D. $x^2 = 81$

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