

**Solve each problem.****Answers**

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| <p>1) Which equation has both 9 and -9 as a possible value of x?<br/>A. <math>x^2 = 729</math><br/>B. <math>x^3 = 81</math><br/>C. <math>x^3 = 729</math><br/>D. <math>x^2 = 81</math></p> <p>3) Which equation has both 6 and -6 as a possible value of x?<br/>A. <math>x^3 = 216</math><br/>B. <math>x^2 = 36</math><br/>C. <math>x^2 = 12</math><br/>D. <math>x^2 = 216</math></p> <p>5) Which equation has only 6 as a possible value of x?<br/>A. <math>x^3 = 18</math><br/>B. <math>x^3 = 36</math><br/>C. <math>x^3 = 216</math><br/>D. <math>x^2 = 36</math></p> <p>7) Which equation has both 10 and -10 as a possible value of x?<br/>A. <math>x^2 = 20</math><br/>B. <math>x^2 = 100</math><br/>C. <math>x^3 = 20</math><br/>D. <math>x^3 = 1000</math></p> <p>9) Which equation has only 8 as a possible value of x?<br/>A. <math>x^2 = 64</math><br/>B. <math>x^2 = 24</math><br/>C. <math>x^3 = 512</math><br/>D. <math>x^2 = 512</math></p> | <p>2) Which equation has both 7 and -7 as a possible value of x?<br/>A. <math>x^3 = 49</math><br/>B. <math>x^2 = 49</math><br/>C. <math>x^3 = 14</math><br/>D. <math>x^3 = 343</math></p> <p>4) Which equation has only 7 as a possible value of x?<br/>A. <math>x^2 = 21</math><br/>B. <math>x^3 = 21</math><br/>C. <math>x^3 = 49</math><br/>D. <math>x^3 = 343</math></p> <p>6) Which equation has only 9 as a possible value of x?<br/>A. <math>x^3 = 27</math><br/>B. <math>x^2 = 81</math><br/>C. <math>x^2 = 729</math><br/>D. <math>x^3 = 729</math></p> <p>8) Which equation has both 5 and -5 as a possible value of x?<br/>A. <math>x^3 = 10</math><br/>B. <math>x^2 = 125</math><br/>C. <math>x^2 = 25</math><br/>D. <math>x^3 = 125</math></p> <p>10) Which equation has both 8 and -8 as a possible value of x?<br/>A. <math>x^2 = 512</math><br/>B. <math>x^2 = 64</math><br/>C. <math>x^3 = 16</math><br/>D. <math>x^2 = 16</math></p> |
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4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



Solve each problem.

**Answers**

- 1) Which equation has both 9 and -9 as a possible value of x?  
A.  $x^2 = 729$   
B.  $x^3 = 81$   
C.  $x^3 = 729$   
D.  $x^2 = 81$
- 2) Which equation has both 7 and -7 as a possible value of x?  
A.  $x^3 = 49$   
B.  $x^2 = 49$   
C.  $x^3 = 14$   
D.  $x^3 = 343$
- 3) Which equation has both 6 and -6 as a possible value of x?  
A.  $x^3 = 216$   
B.  $x^2 = 36$   
C.  $x^2 = 12$   
D.  $x^2 = 216$
- 4) Which equation has only 7 as a possible value of x?  
A.  $x^2 = 21$   
B.  $x^3 = 21$   
C.  $x^3 = 49$   
D.  $x^3 = 343$
- 5) Which equation has only 6 as a possible value of x?  
A.  $x^3 = 18$   
B.  $x^3 = 36$   
C.  $x^3 = 216$   
D.  $x^2 = 36$
- 6) Which equation has only 9 as a possible value of x?  
A.  $x^3 = 27$   
B.  $x^2 = 81$   
C.  $x^2 = 729$   
D.  $x^3 = 729$
- 7) Which equation has both 10 and -10 as a possible value of x?  
A.  $x^2 = 20$   
B.  $x^2 = 100$   
C.  $x^3 = 20$   
D.  $x^3 = 1000$
- 8) Which equation has both 5 and -5 as a possible value of x?  
A.  $x^3 = 10$   
B.  $x^2 = 125$   
C.  $x^2 = 25$   
D.  $x^3 = 125$
- 9) Which equation has only 8 as a possible value of x?  
A.  $x^2 = 64$   
B.  $x^2 = 24$   
C.  $x^3 = 512$   
D.  $x^2 = 512$
- 10) Which equation has both 8 and -8 as a possible value of x?  
A.  $x^2 = 512$   
B.  $x^2 = 64$   
C.  $x^3 = 16$   
D.  $x^2 = 16$

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