



Solve each problem.

Answers

- 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. $x^3 = 27$
- 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) 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. $x^2 = 49$
- 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. $x^2 = 81$

1. _____
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C. $x^2 = 30$
D. $x^3 = 1000$
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C. $x^2 = 1000$
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C. $x^2 = 12$
D. $x^2 = 36$
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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. $x^2 = 81$

Answers

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



Solve each problem.

Answers

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A. $x^3 = 125$
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C. $x^3 = 30$
D. $x^3 = 1000$
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A. $x^2 = 20$
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C. $x^3 = 1000$
D. $x^3 = 20$
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A. $x^2 = 16$
B. $x^3 = 8$
C. $x^2 = 8$
D. $x^3 = 64$
- 7) Which equation has only 4 as a possible value of x ?
A. $x^3 = 64$
B. $x^3 = 12$
C. $x^2 = 64$
D. $x^3 = 16$
- 8) Which equation has only 7 as a possible value of x ?
A. $x^2 = 49$
B. $x^3 = 343$
C. $x^3 = 49$
D. $x^2 = 343$
- 9) Which equation has only 8 as a possible value of x ?
A. $x^3 = 24$
B. $x^2 = 512$
C. $x^3 = 512$
D. $x^2 = 64$
- 10) Which equation has both 9 and -9 as a possible value of x ?
A. $x^2 = 81$
B. $x^3 = 18$
C. $x^2 = 729$
D. $x^3 = 729$

1. _____
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3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Solve each problem.

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C. $x^2 = 12$
D. $x^3 = 36$
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- A. $x^3 = 125$
B. $x^2 = 125$
C. $x^2 = 10$
D. $x^2 = 25$
- 4) Which equation has only 10 as a possible value of x ?
- A. $x^2 = 100$
B. $x^2 = 1000$
C. $x^3 = 30$
D. $x^3 = 1000$
- 5) Which equation has both 10 and -10 as a possible value of x ?
- A. $x^2 = 20$
B. $x^2 = 100$
C. $x^3 = 1000$
D. $x^3 = 20$
- 6) Which equation has both 4 and -4 as a possible value of x ?
- A. $x^2 = 16$
B. $x^3 = 8$
C. $x^2 = 8$
D. $x^3 = 64$
- 7) Which equation has only 4 as a possible value of x ?
- A. $x^3 = 64$
B. $x^3 = 12$
C. $x^2 = 64$
D. $x^3 = 16$
- 8) Which equation has only 7 as a possible value of x ?
- A. $x^2 = 49$
B. $x^3 = 343$
C. $x^3 = 49$
D. $x^2 = 343$
- 9) Which equation has only 8 as a possible value of x ?
- A. $x^3 = 24$
B. $x^2 = 512$
C. $x^3 = 512$
D. $x^2 = 64$
- 10) Which equation has both 9 and -9 as a possible value of x ?
- A. $x^2 = 81$
B. $x^3 = 18$
C. $x^2 = 729$
D. $x^3 = 729$

Answers

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



Solve each problem.

Answers

1) Which equation has both 5 and -5 as a possible value of x ?

- A. $x^2 = 125$
- B. $x^3 = 125$
- C. $x^2 = 25$
- D. $x^3 = 10$

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

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

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

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

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

- A. $x^2 = 64$
- B. $x^3 = 64$
- C. $x^2 = 12$
- D. $x^3 = 16$

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

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

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

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

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

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

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

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

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

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

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

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

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____



Solve each problem.

- 1) Which equation has both 5 and -5 as a possible value of x ?
- A. $x^2 = 125$
B. $x^3 = 125$
C. $x^2 = 25$
D. $x^3 = 10$
- 2) Which equation has both 6 and -6 as a possible value of x ?
- A. $x^3 = 36$
B. $x^2 = 36$
C. $x^2 = 216$
D. $x^3 = 216$
- 3) Which equation has only 8 as a possible value of x ?
- A. $x^3 = 24$
B. $x^3 = 64$
C. $x^3 = 512$
D. $x^2 = 512$
- 4) Which equation has only 4 as a possible value of x ?
- A. $x^2 = 64$
B. $x^3 = 64$
C. $x^2 = 12$
D. $x^3 = 16$
- 5) Which equation has both 4 and -4 as a possible value of x ?
- A. $x^2 = 8$
B. $x^3 = 16$
C. $x^2 = 16$
D. $x^2 = 64$
- 6) Which equation has only 5 as a possible value of x ?
- A. $x^3 = 15$
B. $x^2 = 25$
C. $x^3 = 125$
D. $x^3 = 25$
- 7) Which equation has only 7 as a possible value of x ?
- A. $x^2 = 49$
B. $x^2 = 343$
C. $x^3 = 49$
D. $x^3 = 343$
- 8) Which equation has both 7 and -7 as a possible value of x ?
- A. $x^3 = 343$
B. $x^3 = 49$
C. $x^3 = 14$
D. $x^2 = 49$
- 9) Which equation has both 10 and -10 as a possible value of x ?
- A. $x^3 = 20$
B. $x^2 = 100$
C. $x^2 = 20$
D. $x^3 = 1000$
- 10) Which equation has only 9 as a possible value of x ?
- A. $x^2 = 27$
B. $x^3 = 729$
C. $x^2 = 729$
D. $x^3 = 27$

Answers

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



Solve each problem.

Answers

- 1) Which equation has only 10 as a possible value of x ?
A. $x^3 = 100$
B. $x^3 = 30$
C. $x^2 = 1000$
D. $x^3 = 1000$
- 2) Which equation has only 6 as a possible value of x ?
A. $x^3 = 18$
B. $x^2 = 216$
C. $x^2 = 18$
D. $x^3 = 216$
- 3) Which equation has both 8 and -8 as a possible value of x ?
A. $x^3 = 64$
B. $x^2 = 512$
C. $x^3 = 512$
D. $x^2 = 64$
- 4) Which equation has both 10 and -10 as a possible value of x ?
A. $x^3 = 20$
B. $x^2 = 100$
C. $x^2 = 20$
D. $x^3 = 100$
- 5) Which equation has both 7 and -7 as a possible value of x ?
A. $x^2 = 49$
B. $x^3 = 343$
C. $x^2 = 14$
D. $x^2 = 343$
- 6) Which equation has only 4 as a possible value of x ?
A. $x^3 = 12$
B. $x^3 = 64$
C. $x^3 = 16$
D. $x^2 = 12$
- 7) Which equation has only 7 as a possible value of x ?
A. $x^2 = 21$
B. $x^2 = 49$
C. $x^3 = 21$
D. $x^3 = 343$
- 8) Which equation has both 5 and -5 as a possible value of x ?
A. $x^2 = 25$
B. $x^3 = 25$
C. $x^2 = 10$
D. $x^3 = 125$
- 9) Which equation has only 5 as a possible value of x ?
A. $x^2 = 125$
B. $x^2 = 25$
C. $x^3 = 125$
D. $x^2 = 15$
- 10) Which equation has only 8 as a possible value of x ?
A. $x^2 = 512$
B. $x^2 = 24$
C. $x^3 = 512$
D. $x^3 = 64$

1. _____
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5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Solve each problem.

- 1) Which equation has only 10 as a possible value of x ?
A. $x^3 = 100$
B. $x^3 = 30$
C. $x^2 = 1000$
D. $x^3 = 1000$
- 2) Which equation has only 6 as a possible value of x ?
A. $x^3 = 18$
B. $x^2 = 216$
C. $x^2 = 18$
D. $x^3 = 216$
- 3) Which equation has both 8 and -8 as a possible value of x ?
A. $x^3 = 64$
B. $x^2 = 512$
C. $x^3 = 512$
D. $x^2 = 64$
- 4) Which equation has both 10 and -10 as a possible value of x ?
A. $x^3 = 20$
B. $x^2 = 100$
C. $x^2 = 20$
D. $x^3 = 100$
- 5) Which equation has both 7 and -7 as a possible value of x ?
A. $x^2 = 49$
B. $x^3 = 343$
C. $x^2 = 14$
D. $x^2 = 343$
- 6) Which equation has only 4 as a possible value of x ?
A. $x^3 = 12$
B. $x^3 = 64$
C. $x^3 = 16$
D. $x^2 = 12$
- 7) Which equation has only 7 as a possible value of x ?
A. $x^2 = 21$
B. $x^2 = 49$
C. $x^3 = 21$
D. $x^3 = 343$
- 8) Which equation has both 5 and -5 as a possible value of x ?
A. $x^2 = 25$
B. $x^3 = 25$
C. $x^2 = 10$
D. $x^3 = 125$
- 9) Which equation has only 5 as a possible value of x ?
A. $x^2 = 125$
B. $x^2 = 25$
C. $x^3 = 125$
D. $x^2 = 15$
- 10) Which equation has only 8 as a possible value of x ?
A. $x^2 = 512$
B. $x^2 = 24$
C. $x^3 = 512$
D. $x^3 = 64$

Answers

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



Solve each problem.

Answers

- 1) Which equation has both 10 and -10 as a possible value of x ?
A. $x^2 = 20$
B. $x^3 = 1000$
C. $x^3 = 20$
D. $x^2 = 100$
- 2) Which equation has only 4 as a possible value of x ?
A. $x^3 = 12$
B. $x^3 = 64$
C. $x^2 = 16$
D. $x^2 = 64$
- 3) Which equation has only 7 as a possible value of x ?
A. $x^2 = 49$
B. $x^3 = 21$
C. $x^3 = 343$
D. $x^3 = 49$
- 4) Which equation has both 8 and -8 as a possible value of x ?
A. $x^3 = 64$
B. $x^2 = 64$
C. $x^3 = 512$
D. $x^2 = 512$
- 5) Which equation has both 6 and -6 as a possible value of x ?
A. $x^2 = 36$
B. $x^3 = 216$
C. $x^2 = 216$
D. $x^3 = 12$
- 6) Which equation has both 7 and -7 as a possible value of x ?
A. $x^2 = 14$
B. $x^2 = 343$
C. $x^3 = 49$
D. $x^2 = 49$
- 7) Which equation has both 5 and -5 as a possible value of x ?
A. $x^2 = 10$
B. $x^2 = 125$
C. $x^2 = 25$
D. $x^3 = 25$
- 8) Which equation has only 9 as a possible value of x ?
A. $x^2 = 27$
B. $x^3 = 729$
C. $x^2 = 81$
D. $x^2 = 729$
- 9) Which equation has only 8 as a possible value of x ?
A. $x^3 = 24$
B. $x^3 = 512$
C. $x^3 = 64$
D. $x^2 = 64$
- 10) Which equation has only 10 as a possible value of x ?
A. $x^2 = 30$
B. $x^3 = 30$
C. $x^3 = 1000$
D. $x^2 = 1000$

1. _____
2. _____
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9. _____
10. _____



Solve each problem.

- 1) Which equation has both 10 and -10 as a possible value of x ?
- A. $x^2 = 20$
B. $x^3 = 1000$
C. $x^3 = 20$
D. $x^2 = 100$
- 2) Which equation has only 4 as a possible value of x ?
- A. $x^3 = 12$
B. $x^3 = 64$
C. $x^2 = 16$
D. $x^2 = 64$
- 3) Which equation has only 7 as a possible value of x ?
- A. $x^2 = 49$
B. $x^3 = 21$
C. $x^3 = 343$
D. $x^3 = 49$
- 4) Which equation has both 8 and -8 as a possible value of x ?
- A. $x^3 = 64$
B. $x^2 = 64$
C. $x^3 = 512$
D. $x^2 = 512$
- 5) Which equation has both 6 and -6 as a possible value of x ?
- A. $x^2 = 36$
B. $x^3 = 216$
C. $x^2 = 216$
D. $x^3 = 12$
- 6) Which equation has both 7 and -7 as a possible value of x ?
- A. $x^2 = 14$
B. $x^2 = 343$
C. $x^3 = 49$
D. $x^2 = 49$
- 7) Which equation has both 5 and -5 as a possible value of x ?
- A. $x^2 = 10$
B. $x^2 = 125$
C. $x^2 = 25$
D. $x^3 = 25$
- 8) Which equation has only 9 as a possible value of x ?
- A. $x^2 = 27$
B. $x^3 = 729$
C. $x^2 = 81$
D. $x^2 = 729$
- 9) Which equation has only 8 as a possible value of x ?
- A. $x^3 = 24$
B. $x^3 = 512$
C. $x^3 = 64$
D. $x^2 = 64$
- 10) Which equation has only 10 as a possible value of x ?
- A. $x^2 = 30$
B. $x^3 = 30$
C. $x^3 = 1000$
D. $x^2 = 1000$

Answers

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



Solve each problem.

Answers1) Which equation has both 9 and -9 as a possible value of x ?

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

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

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

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

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

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

- A. $x^3 = 49$
- B. $x^3 = 343$
- C. $x^2 = 343$
- D. $x^2 = 21$

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

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

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

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

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

- A. $x^3 = 12$
- B. $x^2 = 64$
- C. $x^2 = 12$
- D. $x^3 = 64$

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

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

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

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

10) Which equation has both 5 and -5 as a possible value of x ?

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

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____



Solve each problem.

- 1) Which equation has both 9 and -9 as a possible value of x ?
A. $x^2 = 729$
B. $x^3 = 81$
C. $x^2 = 81$
D. $x^3 = 18$
- 2) Which equation has both 6 and -6 as a possible value of x ?
A. $x^3 = 12$
B. $x^2 = 216$
C. $x^3 = 216$
D. $x^2 = 36$
- 3) Which equation has both 8 and -8 as a possible value of x ?
A. $x^2 = 64$
B. $x^3 = 64$
C. $x^2 = 16$
D. $x^3 = 512$
- 4) Which equation has only 7 as a possible value of x ?
A. $x^3 = 49$
B. $x^3 = 343$
C. $x^2 = 343$
D. $x^2 = 21$
- 5) Which equation has only 6 as a possible value of x ?
A. $x^2 = 36$
B. $x^3 = 216$
C. $x^2 = 216$
D. $x^2 = 18$
- 6) Which equation has only 10 as a possible value of x ?
A. $x^3 = 1000$
B. $x^2 = 30$
C. $x^2 = 1000$
D. $x^3 = 100$
- 7) Which equation has only 4 as a possible value of x ?
A. $x^3 = 12$
B. $x^2 = 64$
C. $x^2 = 12$
D. $x^3 = 64$
- 8) Which equation has only 8 as a possible value of x ?
A. $x^3 = 512$
B. $x^2 = 64$
C. $x^3 = 24$
D. $x^2 = 24$
- 9) Which equation has only 9 as a possible value of x ?
A. $x^3 = 729$
B. $x^2 = 729$
C. $x^2 = 27$
D. $x^3 = 27$
- 10) Which equation has both 5 and -5 as a possible value of x ?
A. $x^2 = 125$
B. $x^3 = 125$
C. $x^2 = 25$
D. $x^3 = 25$

Answers

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



Solve each problem.

Answers

- 1) Which equation has both 10 and -10 as a possible value of x ?
A. $x^3 = 100$
B. $x^2 = 100$
C. $x^2 = 20$
D. $x^3 = 1000$
- 2) Which equation has both 5 and -5 as a possible value of x ?
A. $x^3 = 25$
B. $x^2 = 25$
C. $x^2 = 125$
D. $x^3 = 10$
- 3) Which equation has only 6 as a possible value of x ?
A. $x^3 = 18$
B. $x^2 = 216$
C. $x^3 = 216$
D. $x^3 = 36$
- 4) Which equation has only 4 as a possible value of x ?
A. $x^3 = 12$
B. $x^3 = 16$
C. $x^2 = 64$
D. $x^3 = 64$
- 5) Which equation has both 7 and -7 as a possible value of x ?
A. $x^2 = 14$
B. $x^3 = 49$
C. $x^2 = 49$
D. $x^3 = 14$
- 6) Which equation has only 9 as a possible value of x ?
A. $x^3 = 27$
B. $x^3 = 729$
C. $x^2 = 81$
D. $x^2 = 27$
- 7) Which equation has both 8 and -8 as a possible value of x ?
A. $x^2 = 64$
B. $x^3 = 16$
C. $x^3 = 64$
D. $x^3 = 512$
- 8) Which equation has both 9 and -9 as a possible value of x ?
A. $x^2 = 81$
B. $x^3 = 81$
C. $x^2 = 18$
D. $x^3 = 729$
- 9) Which equation has only 5 as a possible value of x ?
A. $x^2 = 125$
B. $x^3 = 15$
C. $x^3 = 125$
D. $x^2 = 15$
- 10) Which equation has only 10 as a possible value of x ?
A. $x^3 = 30$
B. $x^3 = 1000$
C. $x^3 = 100$
D. $x^2 = 1000$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Solve each problem.

- 1) Which equation has both 10 and -10 as a possible value of x ?
A. $x^3 = 100$
B. $x^2 = 100$
C. $x^2 = 20$
D. $x^3 = 1000$
- 2) Which equation has both 5 and -5 as a possible value of x ?
A. $x^3 = 25$
B. $x^2 = 25$
C. $x^2 = 125$
D. $x^3 = 10$
- 3) Which equation has only 6 as a possible value of x ?
A. $x^3 = 18$
B. $x^2 = 216$
C. $x^3 = 216$
D. $x^3 = 36$
- 4) Which equation has only 4 as a possible value of x ?
A. $x^3 = 12$
B. $x^3 = 16$
C. $x^2 = 64$
D. $x^3 = 64$
- 5) Which equation has both 7 and -7 as a possible value of x ?
A. $x^2 = 14$
B. $x^3 = 49$
C. $x^2 = 49$
D. $x^3 = 14$
- 6) Which equation has only 9 as a possible value of x ?
A. $x^3 = 27$
B. $x^3 = 729$
C. $x^2 = 81$
D. $x^2 = 27$
- 7) Which equation has both 8 and -8 as a possible value of x ?
A. $x^2 = 64$
B. $x^3 = 16$
C. $x^3 = 64$
D. $x^3 = 512$
- 8) Which equation has both 9 and -9 as a possible value of x ?
A. $x^2 = 81$
B. $x^3 = 81$
C. $x^2 = 18$
D. $x^3 = 729$
- 9) Which equation has only 5 as a possible value of x ?
A. $x^2 = 125$
B. $x^3 = 15$
C. $x^3 = 125$
D. $x^2 = 15$
- 10) Which equation has only 10 as a possible value of x ?
A. $x^3 = 30$
B. $x^3 = 1000$
C. $x^3 = 100$
D. $x^2 = 1000$

Answers

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



Solve each problem.

Answers

- 1) Which equation has both 4 and -4 as a possible value of x ?
- A. $x^3 = 16$
B. $x^2 = 64$
C. $x^2 = 8$
D. $x^2 = 16$
- 2) Which equation has only 4 as a possible value of x ?
- A. $x^2 = 64$
B. $x^2 = 12$
C. $x^3 = 16$
D. $x^3 = 64$
- 3) Which equation has only 5 as a possible value of x ?
- A. $x^2 = 125$
B. $x^3 = 25$
C. $x^3 = 125$
D. $x^3 = 15$
- 4) Which equation has only 7 as a possible value of x ?
- A. $x^3 = 49$
B. $x^2 = 21$
C. $x^3 = 21$
D. $x^3 = 343$
- 5) Which equation has only 10 as a possible value of x ?
- A. $x^2 = 1000$
B. $x^3 = 1000$
C. $x^2 = 30$
D. $x^3 = 30$
- 6) Which equation has only 9 as a possible value of x ?
- A. $x^2 = 729$
B. $x^3 = 729$
C. $x^3 = 27$
D. $x^2 = 81$
- 7) Which equation has both 6 and -6 as a possible value of x ?
- A. $x^3 = 216$
B. $x^2 = 12$
C. $x^2 = 36$
D. $x^2 = 216$
- 8) Which equation has only 6 as a possible value of x ?
- A. $x^3 = 36$
B. $x^3 = 216$
C. $x^2 = 216$
D. $x^3 = 18$
- 9) Which equation has both 9 and -9 as a possible value of x ?
- A. $x^2 = 81$
B. $x^2 = 729$
C. $x^2 = 18$
D. $x^3 = 18$
- 10) Which equation has both 7 and -7 as a possible value of x ?
- A. $x^2 = 49$
B. $x^3 = 343$
C. $x^3 = 49$
D. $x^3 = 14$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Solve each problem.

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

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

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

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

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

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

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

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

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

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

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

- A. $x^2 = 64$
- B. $x^2 = 12$
- C. $x^3 = 16$
- D. $x^3 = 64$

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

- A. $x^3 = 49$
- B. $x^2 = 21$
- C. $x^3 = 21$
- D. $x^3 = 343$

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

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

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

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

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

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

Answers1. **D**2. **D**3. **C**4. **D**5. **B**6. **B**7. **C**8. **B**9. **A**10. **A**



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 6 and -6 as a possible value of x ?
A. $x^2 = 36$
B. $x^3 = 216$
C. $x^2 = 216$
D. $x^3 = 12$
- 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 7 and -7 as a possible value of x ?
A. $x^3 = 14$
B. $x^3 = 49$
C. $x^3 = 343$
D. $x^2 = 49$
- 8) Which equation has only 9 as a possible value of x ?
A. $x^2 = 27$
B. $x^3 = 729$
C. $x^2 = 81$
D. $x^3 = 27$
- 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. $x^3 = 1000$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



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. $x^3 = 36$
- 3) Which equation has both 6 and -6 as a possible value of x ?
A. $x^2 = 36$
B. $x^3 = 216$
C. $x^2 = 216$
D. $x^3 = 12$
- 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 7 and -7 as a possible value of x ?
A. $x^3 = 14$
B. $x^3 = 49$
C. $x^3 = 343$
D. $x^2 = 49$
- 8) Which equation has only 9 as a possible value of x ?
A. $x^2 = 27$
B. $x^3 = 729$
C. $x^2 = 81$
D. $x^3 = 27$
- 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. **D**
2. **A**
3. **A**
4. **C**
5. **C**
6. **B**
7. **D**
8. **B**
9. **D**
10. **D**



Solve each problem.

Answers

- 1) Which equation has only 9 as a possible value of x ?
A. $x^2 = 729$
B. $x^2 = 81$
C. $x^2 = 27$
D. $x^3 = 729$
- 2) Which equation has only 6 as a possible value of x ?
A. $x^3 = 18$
B. $x^2 = 36$
C. $x^2 = 18$
D. $x^3 = 216$
- 3) Which equation has only 5 as a possible value of x ?
A. $x^3 = 125$
B. $x^2 = 15$
C. $x^3 = 15$
D. $x^2 = 125$
- 4) Which equation has only 10 as a possible value of x ?
A. $x^3 = 100$
B. $x^2 = 100$
C. $x^3 = 1000$
D. $x^2 = 1000$
- 5) Which equation has only 4 as a possible value of x ?
A. $x^2 = 12$
B. $x^3 = 12$
C. $x^2 = 64$
D. $x^3 = 64$
- 6) Which equation has both 7 and -7 as a possible value of x ?
A. $x^3 = 343$
B. $x^2 = 343$
C. $x^3 = 49$
D. $x^2 = 49$
- 7) Which equation has only 8 as a possible value of x ?
A. $x^2 = 24$
B. $x^3 = 512$
C. $x^3 = 24$
D. $x^2 = 512$
- 8) Which equation has both 5 and -5 as a possible value of x ?
A. $x^3 = 25$
B. $x^2 = 125$
C. $x^2 = 25$
D. $x^2 = 10$
- 9) Which equation has only 7 as a possible value of x ?
A. $x^2 = 343$
B. $x^2 = 49$
C. $x^3 = 343$
D. $x^3 = 49$
- 10) Which equation has both 4 and -4 as a possible value of x ?
A. $x^3 = 8$
B. $x^2 = 8$
C. $x^2 = 16$
D. $x^3 = 64$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Solve each problem.

- 1) Which equation has only 9 as a possible value of x ?
A. $x^2 = 729$
B. $x^2 = 81$
C. $x^2 = 27$
D. $x^3 = 729$
- 2) Which equation has only 6 as a possible value of x ?
A. $x^3 = 18$
B. $x^2 = 36$
C. $x^2 = 18$
D. $x^3 = 216$
- 3) Which equation has only 5 as a possible value of x ?
A. $x^3 = 125$
B. $x^2 = 15$
C. $x^3 = 15$
D. $x^2 = 125$
- 4) Which equation has only 10 as a possible value of x ?
A. $x^3 = 100$
B. $x^2 = 100$
C. $x^3 = 1000$
D. $x^2 = 1000$
- 5) Which equation has only 4 as a possible value of x ?
A. $x^2 = 12$
B. $x^3 = 12$
C. $x^2 = 64$
D. $x^3 = 64$
- 6) Which equation has both 7 and -7 as a possible value of x ?
A. $x^3 = 343$
B. $x^2 = 343$
C. $x^3 = 49$
D. $x^2 = 49$
- 7) Which equation has only 8 as a possible value of x ?
A. $x^2 = 24$
B. $x^3 = 512$
C. $x^3 = 24$
D. $x^2 = 512$
- 8) Which equation has both 5 and -5 as a possible value of x ?
A. $x^3 = 25$
B. $x^2 = 125$
C. $x^2 = 25$
D. $x^2 = 10$
- 9) Which equation has only 7 as a possible value of x ?
A. $x^2 = 343$
B. $x^2 = 49$
C. $x^3 = 343$
D. $x^3 = 49$
- 10) Which equation has both 4 and -4 as a possible value of x ?
A. $x^3 = 8$
B. $x^2 = 8$
C. $x^2 = 16$
D. $x^3 = 64$

Answers

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