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. $x^3 = 27$

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. $x^2 = 81$

Answers

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

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

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. $x^3 = 27$

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. $x^2 = 81$

Answers

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

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

Solve each problem.

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

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

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

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

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

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

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

Solve each problem.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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. $x^2 = 16$

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. $x^3 = 14$

Answers

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

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

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. $x^2 = 16$

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. $x^3 = 14$

Answers

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

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

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

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

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

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

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

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

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

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