

Assessment

Lesson-19



Question 1

Solve $|2x - 11| = 3$

A. $\{7, -7\}$

B. $\{-4, -7\}$

C. $\{-4, 4\}$

D. $\{7, 4\}$

Question 2

Solve: $\frac{1}{2}|x + 8| = 6$

A. $\{10, -26\}$

B. $\{-20, 4\}$

C. $\{26, -10\}$

D. $\{26, -26\}$

Question 3

Solve : $|x + 4| = 3$

A. $\{-1, 7\}$

B. $\{-1, 7\}$

C. $\{-1, -7\}$

D. $\{-7\}$

Question 4

Solve: $|x - 2| = 2x - 3$

A. $\{1\}$

B. $\left\{\frac{5}{3}\right\}$

C. $\left\{-1, -\frac{5}{3}\right\}$

D. $\left\{1, \frac{5}{3}\right\}$

Question 5

Solve: $|2 - 2x| = 14$

A. $\{8, -8\}$

B. $\{8, -6\}$

C. $\{6, -6\}$

D. $\{-8, 6\}$

Question 6

Solve: $|-4 - x| = 2$

A. $\{-6, 6\}$

B. $\{6, 2\}$

C. $\{6, -6\}$

D. $\{-6, -2\}$

Question 7

Solve: $-5|x| + 45 = 10$

A. No Solution

B. 11

C. 7

D. -7,7

Question 8

Solve: $|5x - 10| - 2 = 13$

A. $\{-5, -1\}$

B. $\{-5, 1\}$

C. No Solution

D. $\{-1, 5\}$

Question 9

Solve: $|2x - (4x - 4)| = 5$

A. $\left\{-\frac{1}{2}, \frac{9}{2}\right\}$

B. $\left\{-\frac{1}{2}, -\frac{9}{2}\right\}$

C. $\left\{-\frac{1}{2}, \frac{1}{2}\right\}$

D. $\left\{\frac{1}{2}, -\frac{9}{2}\right\}$

Question 10

Solve: $|2x + 1| = x + 5$

- A. $\{2, -4\}$
- B. $\{-2\}$
- C. $\{4\}$
- D. $\{-2, 4\}$