

QUIZZ

1.2 Absolute Value Quiz revised
9 Questions

NAME : _____

CLASS : _____

DATE : _____

1. Find the absolute value

- A -1 B 0
 C 43 D -43

2. Solve for x
 $|5x| = 40$

- A Only $x = 8$ B No Solution
 C $x = 35$ and $x = -35$ D $x = 8$ and $x = -8$

3. Evaluate each expression.
 $|x + 9| = -5$

- A -4 B no solution
 C $\{-14, -4\}$ D -14

4. What is the first step to solving this equation?

$$|10x - 8| = 38$$

- A $10x = 30$ and $10x = -30$ B setting $10x - 8 = 38$ and $10x - 8 = -38$
 C setting $10x - 8 = 38$ D Nothing, there is no solution

5. Solve for x
 $|2x-1| = 9$

A $x = 5$ and $x = -4$

B Only $x = 5$

C No Solution

D $x = 5$ and $x = -5$

6. Solve for x
 $|2x-1| + 4 = 8$

A $x = 2$ and $x = -1$

B $x = 2.5$ and $x = -1.5$

C $x = -2$ and $x = 9$

D No Solution

7. What will the $7+x$ be equal to?
 $5|7+x| + 2 = 17$

A 75 and -75

B 17 and -17

C 3 and -3

D $19/5$ and $-19/5$

8. Solve: $-2|-2r-4| = -12$

A $\{-3\}$

B $\{3,1\}$

C No Solution

D $\{-3,-1\}$

9. $-4|-2r-1| = 12$

A No Solution

B $\{-2\}$

C $\{-1$ and $-2\}$

D -1

Answer Key

1.c

2.d

3.b

4.b

5.a

6.b

7.c

8.d

9.a