

1. If $|x+2|=5$, then negative value of x is
 A) -3 B) -4 C) -5 D) -6 E) -7

2. Which one of the followings satisfy the equation $\frac{|x|}{3}-3=3$?
 A) 6 B) 9 C) -12 D) -18 E) -21

3. If $1+|1+x|=3$, the sum of x values is
 A) -2 B) -1 C) 0 D) 1 E) 2

5. What is the sum of the roots of $\left|\frac{2x-1}{4}-1\right|=4$?
 A) 2 B) 3 C) 4 D) 5 E) 6

6. If $a < b < 0 < c < d$, find $|-a+c|-|c+d|+|-d+a|$.
 A) $a+c-b$ B) $2b$ C) $2c$
 D) $-2a$ E) $a+b$

7. If x is a real number such that $1 < x < 3$, then $|2x-|3-x||-2x = ?$
 A) $x-3$ B) $3-x$ C) $3-5x$ D) -1 E) $5x-3$

8. If $0 < x < 5$, find $|3x+2|+|x-10|+|x|$.
 A) $5x+10$ B) $3x+12$ C) $2x-1$
 D) $x+8$ E) $2x+3$

9. Find the solution set of $|x-2|+|1-x|=3$.
 A) {3,5} B) {0,5} C) {3,-2}
 D) {2,8} E) {0,3}

10. Find the product of the x values that satisfy the equality $||2x-3|-4|=5$.
 A) -30 B) -24 C) -18 D) -15 E) 15

11. Find the sum of the values of x satisfying the equation $||2x-3|-2|=5$
 A) -2 B) -1 C) 0 D) 2 E) 3