

Lesson 15 - HW

Solve.

① $|x+3| = 10$

② $|8-x| = 1$

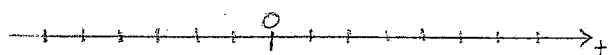
③ $|2x-3| = 3$

④ $|3x+1| = x-5$

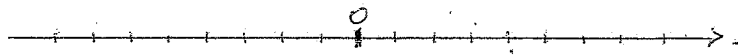
Solve and graph your solution set on the Number Line.

⑤ $3x-7 \leq 5$

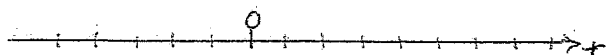
⑥ $8-2x < 3x-2$



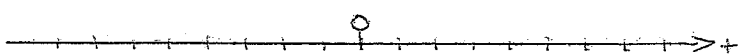
⑦ $x^2 - 5x - 24 < 0$



⑧ $x^2 - 10x + 16 \geq 0$



⑨ $|x-5| \geq 1$



⑩ $|2x-1| < x+7$

ANSWERS

1) 7, -13

2) 7, 9

3) 3, 0

4) -3 (~~-1~~)

5) $x \leq 4$

6) $x > 2$

7) $-3 < x < 8$

8) $x \leq 2$ or $x > 8$

9) $x \leq 4$ or $x > 6$

10) $-2 < x < 8$