## Algebra I Worksheet \#3 Unit 5 Selected Solutions

Solve each of the following equations. Show your steps neatly organized.
3. $|2 x+5|=3$
6. $|4 x-6|=2$
9. $|5 x-2|=5$


Solve for x . Graph the solution sets on the number lines provided.
13. $|x|<3$
$-3<x<3$

19. $|x|>5$

$$
x<-5 \text { or } x>5
$$


14. $|x| \leq 5$

$$
-5 \leq x \leq 5
$$


20. $|x| \geq 3$

$$
x \leq-3 \text { or } x \geq 3
$$



