

Name: _____

Date: _____

Algebra I

Directions: Solve each equation and provide a check. Write your answer in set notation.

1. $|x-6|=9$

6. $|3x+4|=8$

2. $|x+6|=8$

7. $-3|x+4|=-9$

3. $|2x|=8$

8. $4|2x+1|-4=20$

4. $2|x+4|=10$

9. $|x+7|=-9$

5. $-|x+2|-8=-10$

10. $-2|4-x|=6$