

Pre AP Precalculus
WS : Absolute Value and Radical Eqn's
Fall 2018

Name _____

Date _____ Per _____

Solve the following:

1. $|2x-1|=8$

2. $3-2|5-3x|=1$

3. $2|3-7x|+8=4$

4. $|x^2+4x-1|=4$

5. $|x^2-2x-9|=6$

6. $|12x^2+5x-7|=4$

7. $|3x-2|=5x+4$

8. $\sqrt{4x+9}=5$

9. $\sqrt{x+7}=x-5$

10. $\sqrt{5x-1}=4x-5$

11. $\sqrt{2x-1}+\sqrt{x+4}=x+1$

12. $\sqrt{2x+5}-\sqrt{x-1}=2$

13. $\sqrt[3]{x^2-1}=2$

14. $\sqrt{9x^2+4}=8$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____