**UNIT 2 – HW 1 NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**I. Solve each inequality. Graph on a number line and write your answer in interval notation.**

1. 2. 3.

4. 5. 6.

7. 8.

9. 10.

11. 12.

13. 14.

**II. Without graphing, write each inequality in interval notation.**

15. 16. 17. 18.

**III. Without graphing, write each interval as an inequality.**

19. 20. 21. 22.

**IV. Write an inequality AND interval notation given each graph.**

23. 24.

25. 26.

27. 28.