Mr. Powder
Ditto 11

Pre-Algebra 8
Name: _____

Solve the inequality and graph the solution on a number line.

1. $x+4<5$

2. $x+8\geq 12$

3. $-11<x+5$

4. $-8\geq d-7$

5. $-45>x-16$

6. $z-15>72$

7. $x+1\geq -8$

8. $x+19\leq 15$

9. $18.1\leq x-7$

10. $x-7<3.4$

11. $x+2.5\leq 2.5$

12. $x-10.2>5.3$

Graph the compound inequality for the following.

13. $x\geq -1$ and $x\leq 4$

14. $x<3$ and $x\geq 0$

15. Explain how you can graph the compound inequality $x\leq 8$ or $x\geq 10$. How does this graph look different from the graph of $x\leq 8$ and $x\geq 10$?