

ECOW

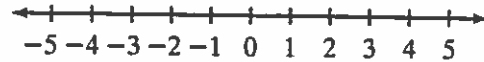
Extra Credit of the Week

Class Intro to Alg.

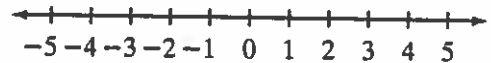
1. Complete the following problems with a minimum 80% accuracy.
2. Rewrite the problem and show all work **NEATLY** on binder paper in pencil.
3. Do not use a calculator.
4. You may need to refer to your notes or textbook examples.

.....
Solve each inequality. Graph the solutions on a number line.

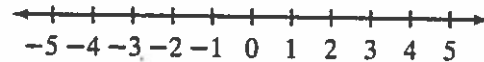
1. $5x + 2 \leq 17$ _____



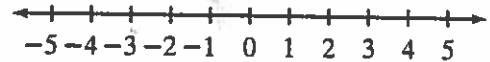
2. $7x + 2x \geq 21 - 3$ _____



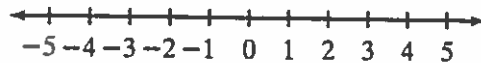
3. $9 - x > 10$ _____



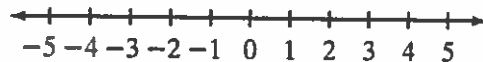
4. $19 + 8 \leq 6 + 7x$ _____



5. $-6x < 12$ _____



6. $\frac{x}{-4} > 0$ _____



Solve each inequality.

7. $2x - 5 > 1$ _____

8. $9x - 7 \leq 38$ _____

9. $3 < \frac{1}{2}x + 1$ _____

10. $-12 < -12x$ _____

11. $-8x + 18 > -22$ _____

12. $50 < 8 - 6x$ _____

13. $\frac{1}{3}x + 6 > -3$ _____

14. $30 \geq -6(5 - x)$ _____