Bell Work   1/13/2015

Solve & graph the following inequality:

$$\frac{1}{2}(6x-4)+12x \le 28+5x$$

$3x - 2 + 12x \le 28 + 5x$

$15x - 2 \le 28 + 5x$

$-5x$

$10x - 2 \le 28$

$+2$

$\frac{30}{10} = 3 = x$

$\frac{10x}{10} \le \frac{30}{10}$

$\boxed{x \le 3}$

- You will be working in groups today. 3-4 people per group.

- In your groups you will be working to come up with mathematical rules on your own!

- Each group will start with only one rule and once you complete that rule, show it to me and you may get the next rule.

- Everyone in the group will need their own copy of rules.

- Hang on to these, they will be helpful as we move further into the unit!