

# December 7, 2011

Get out your homework from Friday and Monday

20)  $\frac{3}{4}n < -3\frac{1}{2}$



~~$\frac{4}{4}$~~   $\cdot \frac{4}{4}n < -\frac{4}{2} \cdot \frac{2}{1}$

$n < -2$



## 12/7 - Solving Inequalities - All Operations

*IF the variable is on the left:*

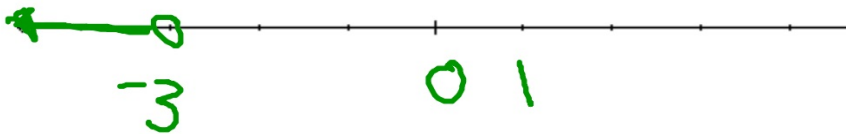
|                   |                    |  |
|-------------------|--------------------|--|
| $<$               | $>$                | <br>Open circle     |
| $\leq$            | $\geq$             | <br>Closed circle |
| Shade to the left | Shade to the right |  |

Switch the inequality sign when:

1. when you flip sides
2. when you multiply both sides by a negative number
3. when you divide both sides by a negative number

When labeling a number line,  
include:

1.  $\bigcirc$
2. # you are counting by  
(1, 2, 5, 10, 20, 25, ...)
3. # you are graphing



# Homework:

Pink Worksheet 15

Due: Thurs