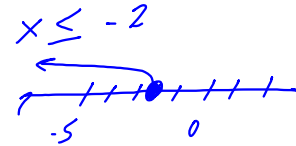
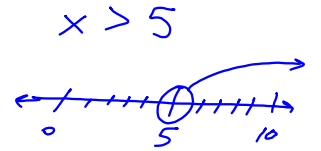


### 3.3 Intervals and Inequalities

$>$ ,  $<$ ,  $\geq$ ,  $\leq$

Today graphing on number lines



$>$ ,  $<$     ○ open circle  
 $\geq$ ,  $\leq$     ● closed circle

$x > 5$  open at 5  
 $x \leq -2$  closed at -2

### Intervals

"between"

$$-2 < x < 5$$



Greater than 1700ft  
 and less than 2250ft

$$1700 < x < 2250$$

The price is between 11,500  
 and 22,650

$$11500 < p < 22650$$



$$45 \leq s \leq 75$$