

BE-1B TUESDAY 10-2-07

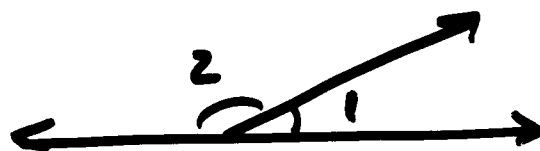
- ① THE MEASURE OF AN ANGLE IN DEGREES IS $3x^\circ$. WHAT IS THE MEASURE OF ITS SUPPLEMENT?
- ② WHAT IS THE MEASURE OF A COMPLEMENT OF AN ANGLE THAT MEASURES 80° ?
- ③ THE AVERAGE HOUSE CAT'S HEART BEATS ABOUT 110 TIMES PER MINUTE. HOW MANY TIMES WOULD A CAT'S HEART BEAT IN 120 SECONDS?

~~~~~ ANSWER WB ~~~~~

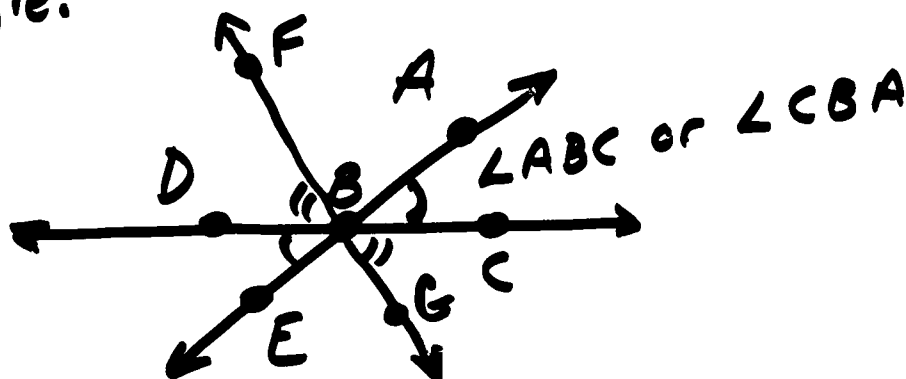
- |             |   |            |
|-------------|---|------------|
| ① Pg. 66 #2 | } | ③ Pg 84 #2 |
| ② Pg 68 #8  |   |            |

# GEOMETRY: Two methods to label angles.

- ① Where no confusion is possible:



- ② Where there are many possible angles, vertices (points) are used to label angles. 3 points are used, the middle point is the vertex of the angle.



Where is  $\angle FBC$  or  $\angle CBF$ ?

Angles shown with  $\sphericalangle$  are equal  
 $\sphericalangle$  are equal  
etc

2  
Ch. 5-7 Scatter Plots (Pg. 298-301)

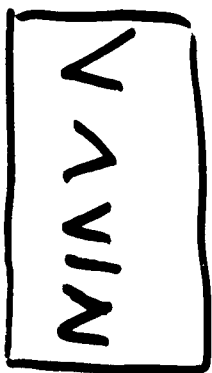
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Ch. 6-1 to 6-3 Solving Inequalities.

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GRI  $\Rightarrow$  Golden Rule of Inequalities

"Whatever you do to one side do to the other" and if you multiply or divide by a negative, flip the inequality."



inequality symbols  
 $\nearrow$   
NOT  
EQUALITY

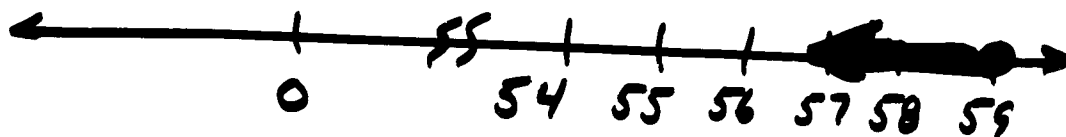
Ch. 6-1 to 6-3 Examples:

①  
318

$$t - 45 \leq 13$$
$$+ 45 \quad + 45$$

$$t \leq 58$$

On a number line,  $<, >$  use  $\circ$   
 $\leq, \geq$  use  $\bullet$



①  
326

$$\frac{b}{7} \geq 25$$

$$7 \cdot \frac{b}{7} \geq 25 \cdot 7$$

$$b \geq 175$$

②  
326

$$-\frac{2}{5}p < -14$$

$$-\frac{5}{2} \cdot -\frac{2}{5}p > -14 \cdot -\frac{5}{2}$$

$$p > 35$$

Ex 4  
327

$$\frac{14h}{14} > \frac{91}{14}$$

$$\boxed{h > \frac{91}{14}}$$

Ex 4  
334

$$3d - 2(8d - 9) > 3 - (2d + 7)$$

$$3d - 16d + 18 > 3 - 2d - 7$$

$$\begin{array}{rcl} \diagdown & & \diagup \\ -13d + 18 & > & -2d - 4 \\ +2d & & +2d \end{array}$$

$$\begin{array}{rcl} -11d + 18 & > & -4 \\ -18 & & -18 \end{array}$$

$$\begin{array}{rcl} -11d & > & -22 \\ \hline -11 & & -11 \end{array}$$

$$\boxed{d < 2}$$

HW: Pg. 335 # 15 to 20