

Name _____ Period _____ Homework Date Reg HW Feb. 21-28

Homework Grading Sheet

Fill in the information above the dotted line completely and accurately. Not completing this form and/or not grading papers correctly/honestly will result in a maximum grade of 50. *****If less than 50% of an assignment is completed, the grade will be calculated as the number of questions correct/total number of questions (i.e. $1/20 = 5\%$).**

1) Homework Completion: Number of problems not done _____

2) Homework Accuracy: Number of X's (problems missed out of those completed) _____

3) I do not have my homework to turn in because _____

(Teacher use Only)

<u>Completion Points</u>	<u>Accuracy Points (for completion of 50% or more)</u>
5 pts: 100% completion	5 pts: 100% accuracy
4.5 pts: 90 – 99% completion	4.5 pts: 90 – 99% accuracy
4 pts: 80 – 89% completion	4 pts: 80 – 89% accuracy
3 pts: 70 – 79% completion	3 pts: 70 – 79% accuracy
2 pts: 60 – 69% completion	2 pts: 60 – 69% accuracy
1 pt: 50 - 59% completion	1 pt: 59% and below accuracy
0 pts: Less than 50% completed	0 pts: No problems correct

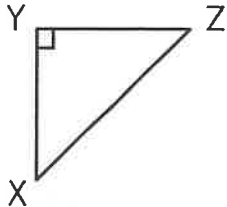
Points earned/10 points = _____/10pts = _____

Final Homework Grade

ANGLE RELATIONSHIPS & TRIANGLES

Answer each of the questions below. Be sure to show your thinking.

1. Determine which sides correspond with each angle in triangle ABC below.

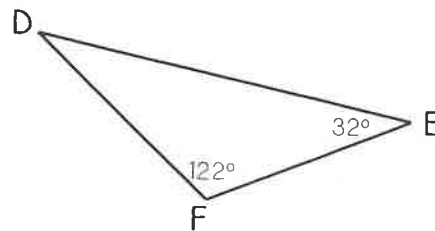


- a. angle XYZ corresponds with side length _____
b. angle ZXY corresponds with side length _____
c. angle YZX corresponds with side length _____

2. In triangle QRS, the measure of angle RSQ is 29.1° , and the measure of angle QRS is 80° . What is the measure of angle SQR?

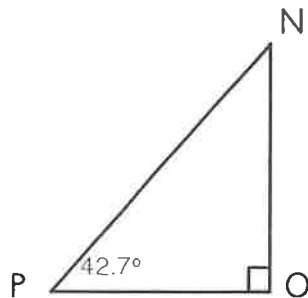
- A. 109.1°
B. 71.1°
C. 150.9°
D. 70.9°

3. Triangle DEF is shown below. What is the measure of $\angle D$?



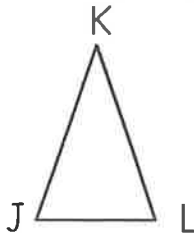
4. Triangle NOP is shown below. What is the measure of $\angle N$?

- A. 47.3°
B. 137.3°
C. 48.8°
D. 132.8°



5. In triangle EFG, the measure of angle E is 97° , and the measure of angle F is 15° . What is the measure of angle G?

6. Determine which angles correspond with each side in the triangle below.



- a. side length $\overline{KL}$ corresponds with angle _____
b. side length $\overline{LJ}$ corresponds with angle _____
c. side length $\overline{JK}$ corresponds with angle _____

7. Determine if the measurements below will create a triangle. Then, explain your thinking.

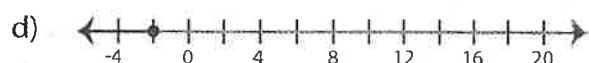
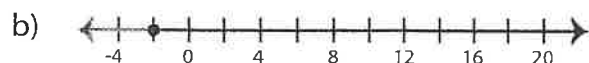
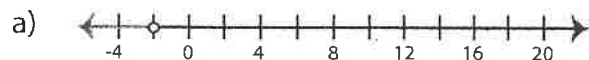
Side Length	does it form A triangle?	How do you know?
1. 7 cm, 8 cm, 9 cm		
2. 1.5 cm, 3 cm, 1.5 cm		
3. 4 in, 2 in, 8 in		

Identifying Graphs

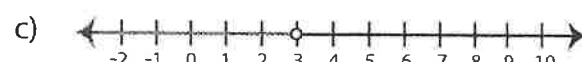
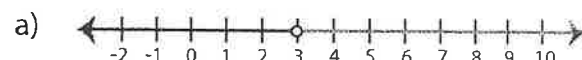
Sheet 1

Choose the correct graph that best describes each inequality.

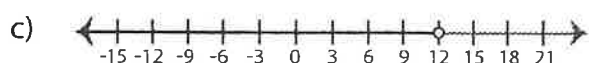
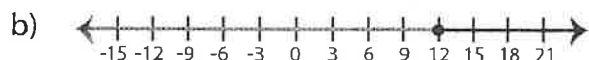
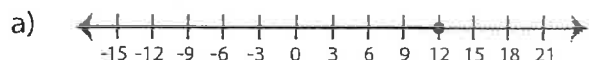
1) $x \geq -2$



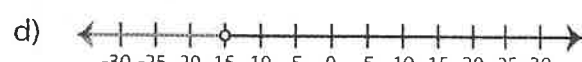
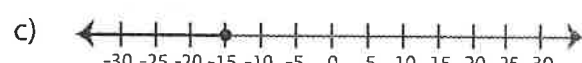
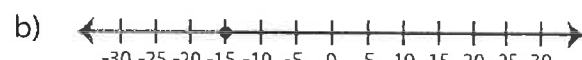
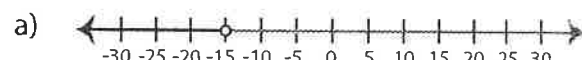
2) $x < 3$



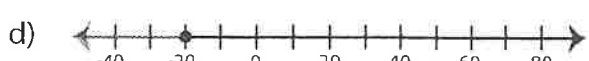
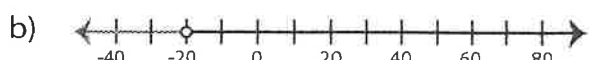
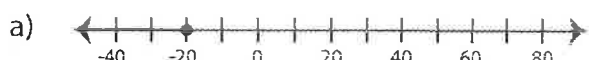
3) $x > 12$



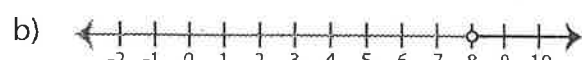
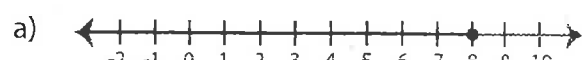
4) $x \leq -15$



5) $x < -20$



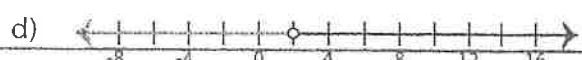
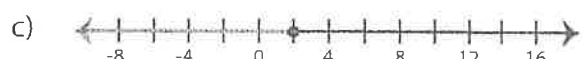
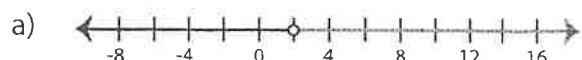
6) $x \leq 8$



7) $x \geq 24$



8) $x > 2$



Name: _____

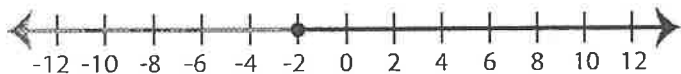
Score: _____

Identifying Inequalities

Sheet 1

Choose the correct solution that best describes each graph.

1)



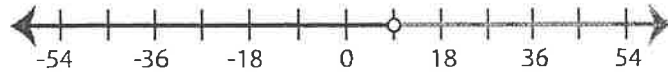
a) $x < -2$

b) $x \geq -2$

c) $x \leq -2$

d) $x > -2$

2)



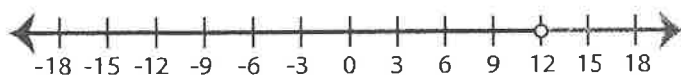
a) $x < 9$

b) $x > 9$

c) $x \geq 9$

d) $x \leq 9$

3)



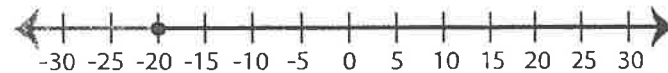
a) $x \geq 12$

b) $x \leq 12$

c) $x < 12$

d) $x > 12$

4)



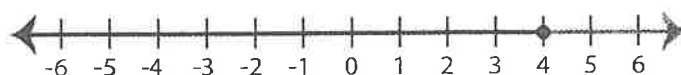
a) $x < -20$

b) $x \geq -20$

c) $x \leq -20$

d) $x > -20$

5)



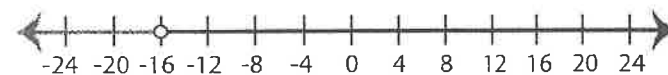
a) $x \leq 4$

b) $x < 4$

c) $x \geq 4$

d) $x > 4$

6)



a) $x < -16$

b) $x \leq -16$

c) $x \geq -16$

d) $x > -16$

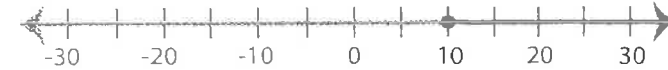
7)



a) $x > 8$

b) $x \geq 8$

8)



a) $x < 10$

b) $x \geq 10$

