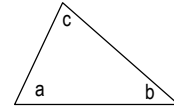


Name \_\_\_\_\_ Per \_\_\_\_\_

LO: I can identify basic **angle relationships** and use the relationships to solve for unknown values. **DO NOW** On the back of this packet (1) **Need to Know:**

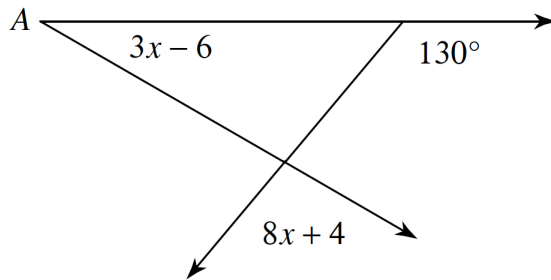
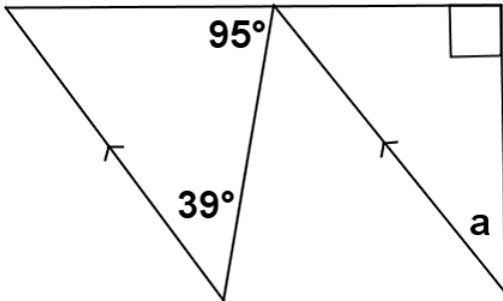
The sum of the angles in a triangle is \_\_\_\_\_



$$a + b + c = \underline{\hspace{2cm}}$$

 (2) **Angles: Seeing and using all angle relationships to solve problems**

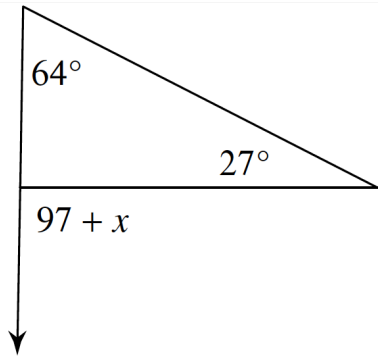
calculator

(a) Write 1 or more equations and solve to find the measure of  $x$ . Name angle relationships that you use.(b) Write 1 or more equations and solve to find the measure of  $a$ . Name angle relationships that you use.

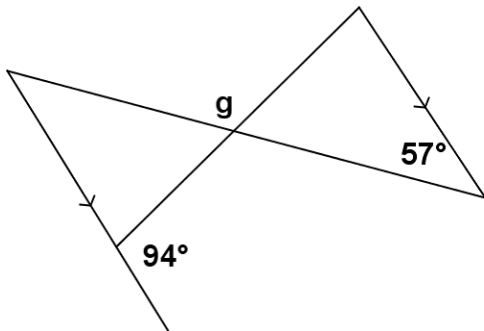
(2)  
cont.  
calculator

**Angles: Seeing and using all angle relationships to solve problems**

(c) Write 1 or more equations and solve to find the measure of  $x$ . Name angle relationships that you use



(d) Write 1 or more equations and solve to find the measure of  $a$ . Name angle relationships that you use.



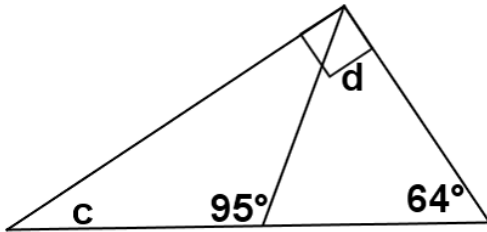
(3) **Exit Ticket**

ON THE LAST PAGE

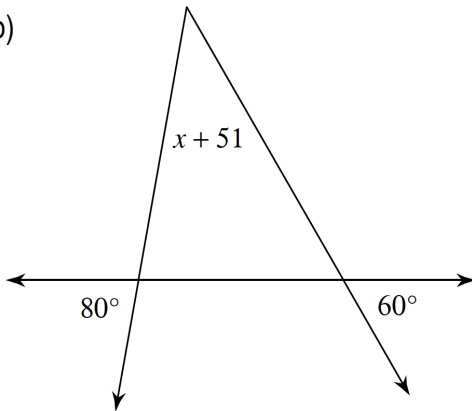
 (4) **Homework**pen or  
pencil

For each diagram, write one or more equations and solve to find the measure of  $c$  and  $d$ . Name any angle relationships you use.

(a)



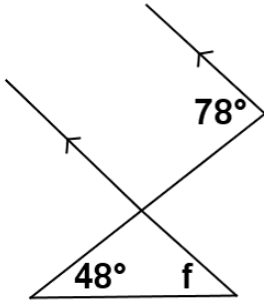
(b)



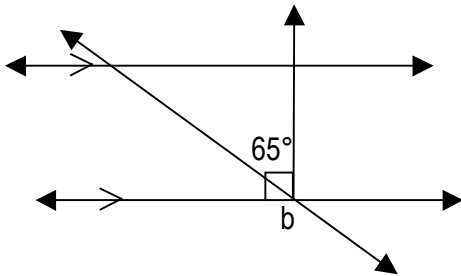
(2)  
cont.  
calculator

**Homework**

(c) Write 1 or more equations and solve to find the measure of  $f$ . Name angle relationships that you use



(d) Write 1 or more equations and solve to find the measure of  $b$ . Name angle relationships that you use.

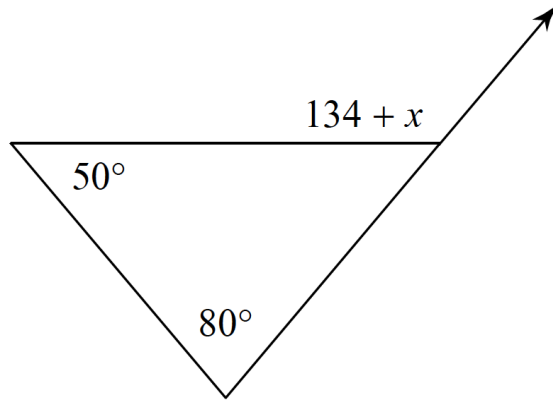


Exit Ticket Name \_\_\_\_\_ Date \_\_\_\_\_ Per \_\_\_\_\_

2.5L

(1) The LO (Learning Outcomes) are written below your name on the front of this packet. Demonstrate your achievement of these outcomes by doing the following:

Write 1 or more equations and solve to find the measure of  $x$ . Name angle relationships that you use.



(1) Solving progress: Solve one of the two problems below.

(a)  $2(4x - 3) - 8 = 4 + 2x$

(b)  $p - 1 = 5p + 3p - 8$

(2) Translation to algebra progress. Write an algebraic statement to represent this situation. Be sure to write a "Let" statement to define any variables. Use BUCKS.

*Container A and container B have leaks. Container A has 800ml of water, and is leaking 6 ml per minute. Container B has 1000 ml, and is leaking 10 ml per minute. How many minutes,  $m$ , will it take for the two containers to have the same amount of water?*