

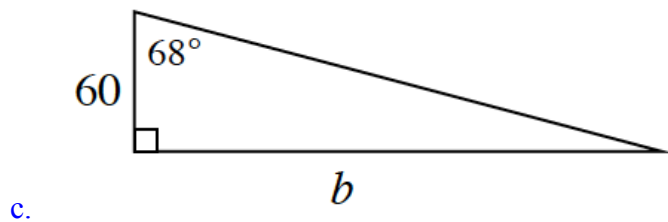
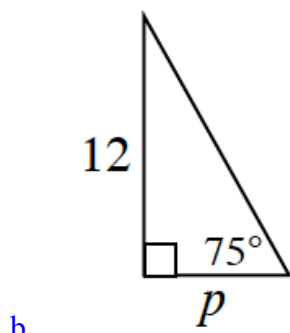
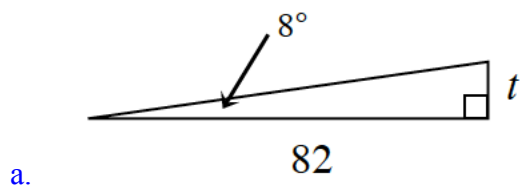
Lesson 3.2.4 Assignment


Name:


Date:

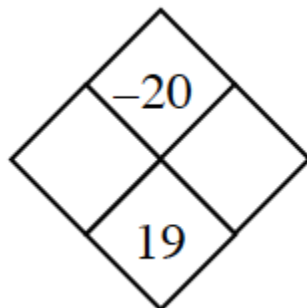
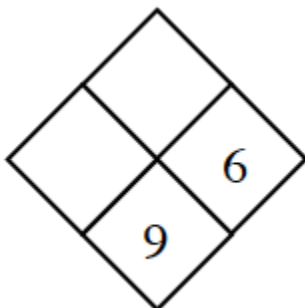
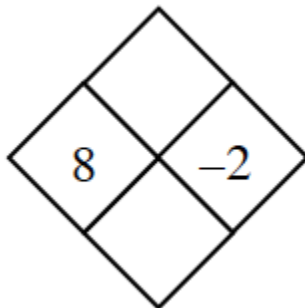
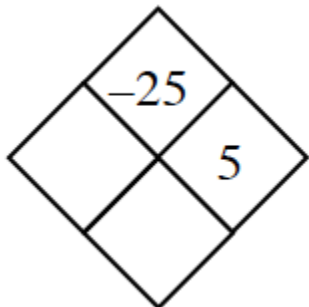
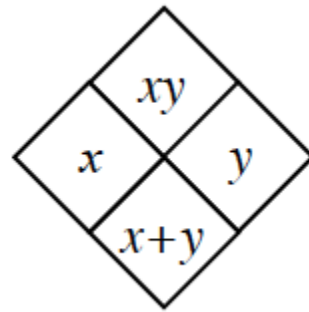
Period:

3-105. Calculate the missing side length for each triangle. Use the tangent button on your calculator to help. [Homework Help](#)



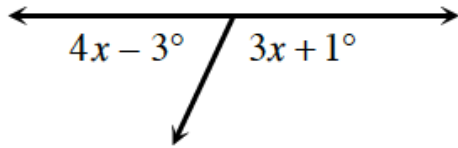
3-106. Write the equation of the line that has a slope angle of 25° and a y-intercept of $(0,4)$. Sketch a graph of this line. Assume the slope of the line is positive. [3-106 HW eTool](#) (Desmos). [Homework Help](#) .

3-107. Copy and complete each of the Diamond Problems below. The pattern used in the Diamond Problems is shown at right. [Homework Help](#) .

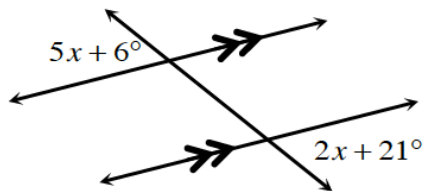


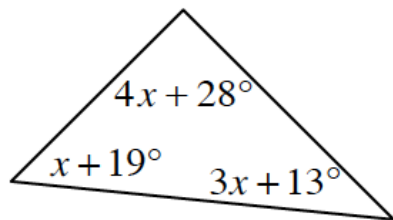
3-109. This problem is a checkpoint for angle relationships in geometric figures. It will be referred to as Checkpoint 3. [Homework Help](#) 

a.

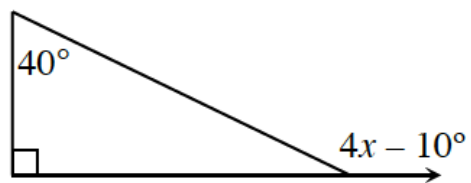


b.





c.



d.