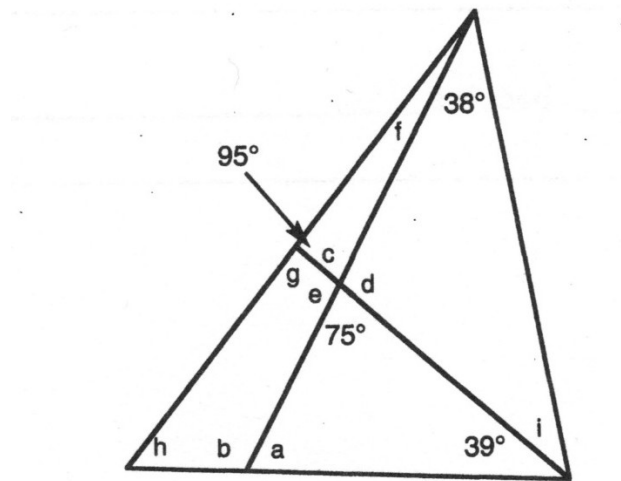


3.4 Homework

On your own paper, write the answers.



- Find the measures of angles a to i in the figure above. For each answer, write the reason you know the angle. Example: Triangle angle sum; Straight angle = 180; Vertical angles are $\cong$.

a.	d.	g.
b.	e.	h.
c.	f.	i.
- If possible, draw a triangle to fit each description. Mark the triangle to show congruent sides and/or angles. If no triangle can be drawn, write *not possible*.
 - Obtuse isosceles
 - Right isosceles
 - Acute equilateral
 - Obtuse scalene
 - Right equilateral