1.  Lines *l* and *m* are parallel and are cut by the transversal shown. Determine the measures of angles 1 through 7. Include correct units with each part of your solution.



2.  Find the volume of the pyramid with a rectangular base shown below.



210 cubic inches

84 cubic inches

30 cubic inches

70 cubic inches

58 1/3 cubic inches

3. Use the figure below to find the following



i. < ICA$ ∩ \overleftrightarrow{FG}$

 ii. < ABH $∩ <EBD$

 iii. < CBG $∩ < $KCA