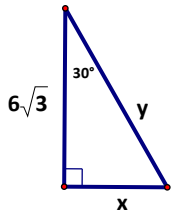
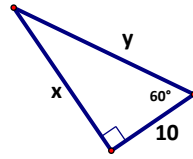


1. Solve for the missing information. (EXACT ANSWERS ONLY – Leave answers in reduced radical form.)

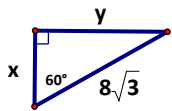
a)



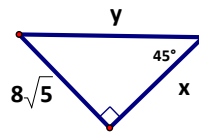
b)



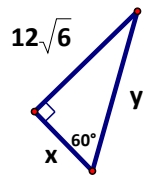
c)



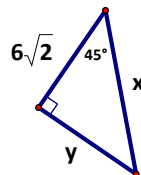
d)



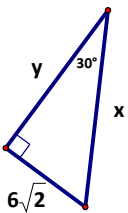
e)



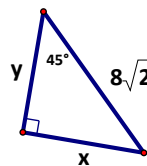
f)



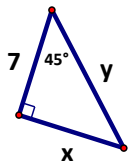
g)



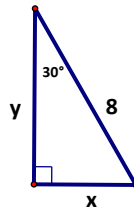
h)



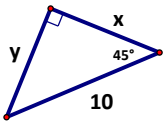
i)



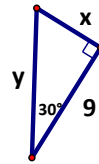
j)



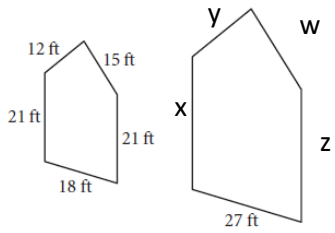
k)



l)



2. Find the perimeter of the larger pentagon if the two pentagons are similar.



3.  $x = \underline{\hspace{2cm}}$   
 $y = \underline{\hspace{2cm}}$

