

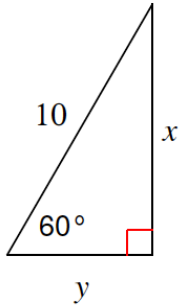
## HOMEWORK 22

April 11, 2021

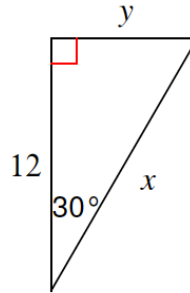
*I would like to remind you that the homework should be done on a separate piece of paper. There is not enough space on this handout to show all work. **You must show all steps!***

**1. Find the missing side. Show ALL steps!**

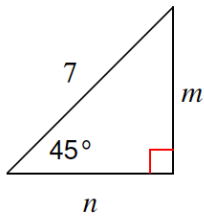
a)



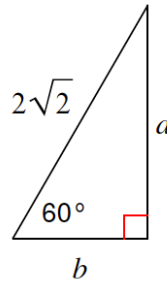
b)



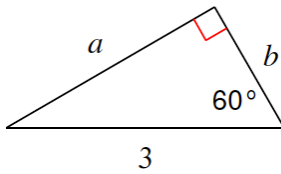
d)



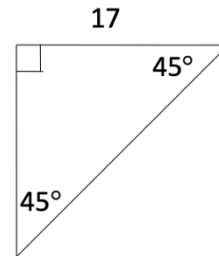
e)



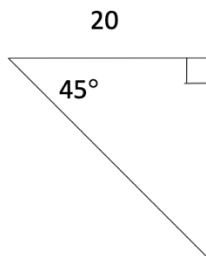
g)



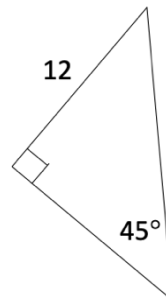
h)



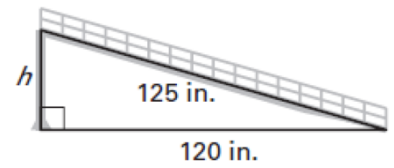
i)



j)



2. A shipping dock has a mobile ramp that is used to help load and unload cargo from trucks. The ramp is 125 inches long and has a base that is 120 inches long. What is the height  $h$  of the ramp?



3. Find  $x$ . Show all steps!

