



## ***In Class Exercises (ICE) - 11/1/00***

***Laura has moved to Berkeley, CA, to attend the University of California. If you have ever been to Berkeley, you will know that the competition to find apartments near campus is fierce, and when you find an apartment you have to be ready to sign the lease right there on the spot.***

***One of Laura's most prized possessions is a square rug that measures ten and a half feet on each side. One of Laura's major considerations when looking for an apartment is that her rug should fit in there.***

***Laura views an apartment that looks pretty good. The living area is a roughly square room with a "cozy" area of 110 square feet. Laura doesn't have a measuring tape or a calculator with her, but she manages to estimate whether her rug will fit in the living room.***

***How do you think she did this? What conclusion do you think she reached?***