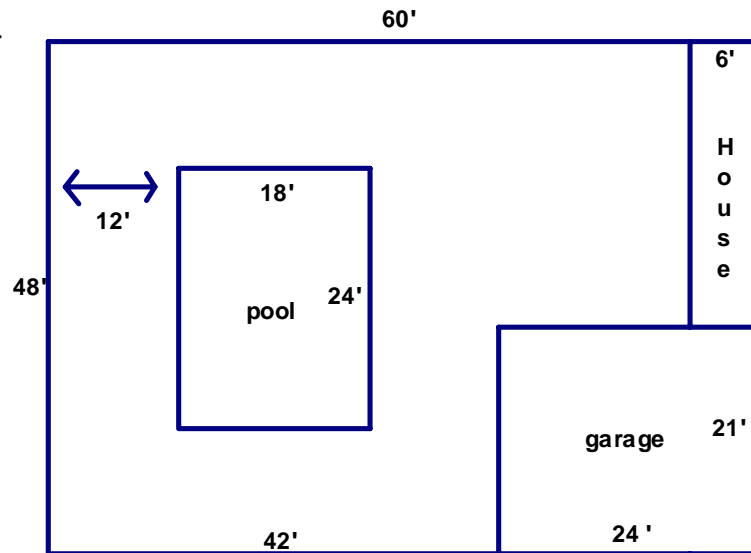




## Activity 2

The Baker family is going to lay sod in their backyard. (Sod is grass that is already grown and ready to lay down—it is faster and more effective than planting grass seeds.) Below is a drawing of their backyard. The shaded area is the area to have sod. The sod is sold in strips that are 1 foot by 1 yard (3 feet)

- 4) How many square feet of ground do the Baker's have to cover with sod?  
Show your calculations.



- 5) It is recommended that you purchase 5% extra to make sure you have enough. How many square feet of sod should the Bakers buy in order to allow for the extra 5%? Show your calculations.
- 6) How many 1 yard-long strips should the Bakers buy? Show your calculations.

### Activity 3

Make a scale drawing of the floor of your classroom. In a scale drawing the measurements of objects in the drawing are proportional to the actual objects. The same proportion must be used for each object drawn. Be sure to indicate on your drawing the scale you use; for example, 1 in = 4 ft. Be as accurate as possible.