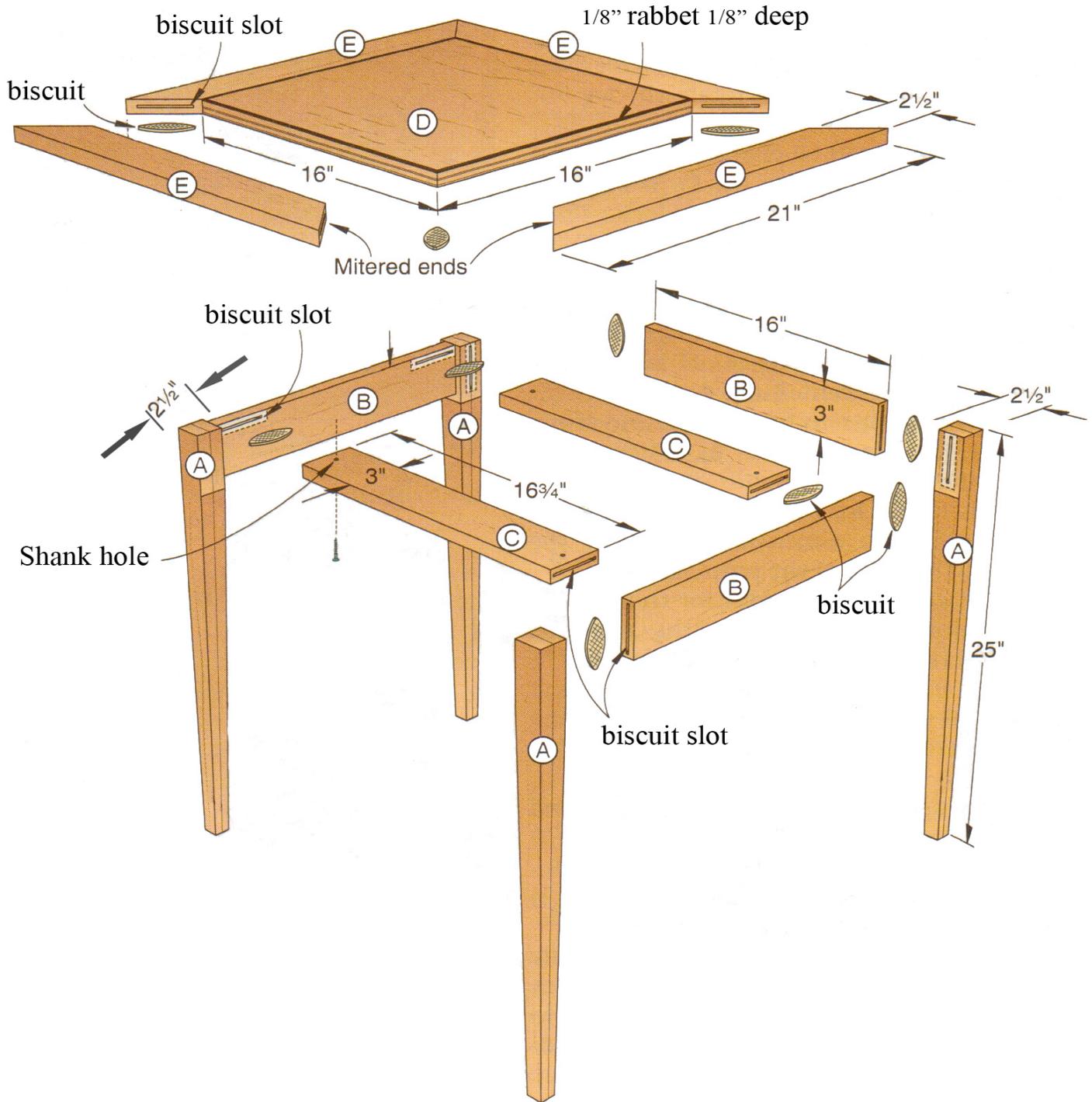


Figuring Board Feet 4

33 Points

You need to figure out how many board feet are needed for each piece, and how many board feet would be needed to build the entire project. Answer the following question.



Picture from: Wood Magazine October 2009
Permission obtained via email from WOOD Editor.

See Back Side

Name: _____

Figuring Board Worksheet 4

36pts

You need to figure out how many board feet are needed for each piece. Answer the following question. Each pieces is solid lumber. All stock is 1" thick unless plans specify. Round all answers to two decimal places.

1. Fill in the measurements for part A? _____" Long X _____" Wide X _____" Thick
~ Look at all 4 legs to find all of the dimensions (sizes) needed.
2. How many Board Feet are in one Part A ? _____ Board Feet
3. How many Board Feet are needed for all 4 of Part A ? _____ Board Feet
~ use you answer from above to calculate this question
4. How many Board Feet are Needed for one Part B? _____ Board Feet
5. How many Board Feet are needed for all 3 of Part B ? _____ Board Feet
~ use you answer from above to calculate this question
6. How many Board Feet are Needed for one Part C? _____ Board Feet
7. How many Board Feet are needed for 2 of Part C ? _____ Board Feet
~ use you answer from above to calculate this question
8. How many Board Feet are needed for Part D ? _____ Board Feet
Figure part D as solid lumber
9. How many Board Feet are needed for all 4 of Part E? _____ Board Feet
10. How many Board Feet are needed for the entire project ? _____ Board Feet
~ Round up to the Nearest whole Board Feet
11. If Solid Oak is \$2.55 a Board Foot. How much would it cost to build this project?
~ use you answer from above to calculate this question
\$ _____
12. How many liner inches of 2-1/2" wood is needed for this project _____ feet