

Intermediate / Advanced Woodworking

Name: _____

Machine Tool Test

Class: _____

Date: _____

1. What is the number one priority in our shop?

2. List (in the proper sequence) the order of operations in the shop.

3. List the machines used (in the proper sequence) when following the order of operations in the shop.

4. How long must your board be in order for it to be safely fed through the jointer?

5. What are two common uses for the jointer?

6. When jointing the edge of a board, if the top edge of the board is lower than the fence, what must you do?

7. What is the main function of the Planer?

8. What must you do before turning the planer on?

9. What should you do if your board becomes stuck in the planer?

10. What is the main function of the drum sander?

11. What must you do before turning the drum sander on?

12. What should you do if your board becomes stuck in the drum sander?
13. What is the main function of the table saw?
14. List 5 things that must be checked prior to using the table saw.
15. Which edge of a board must ALWAYS be placed against the fence when ripping to width on the table saw?
16. What is the main function of the miter saw?
17. List 3 things that must be checked prior to using the miter saw.
18. When you have a large / long board that needs to be cut down to a more manageable size, what machine should you use?
19. What 2 things must you always do before making any cut on a board?
20. What is the most dangerous aspect of the dado saw?
21. List 3 things that must be checked prior to using the panel router.

22. You must never raise or lower the table on a drill press without first doing what?

Give the correct name for the following tools;



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35.



36.

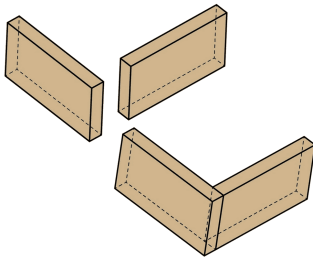


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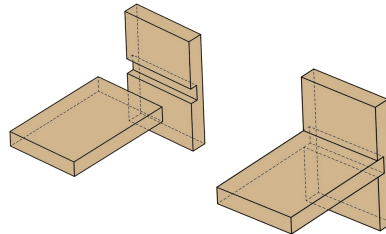


Give the name of the following types of joinery.

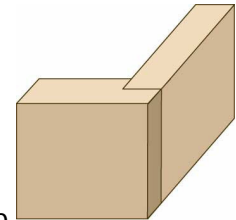
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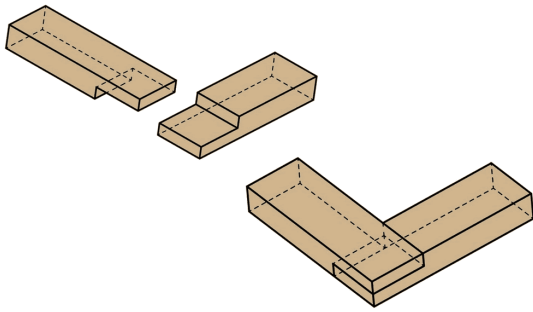
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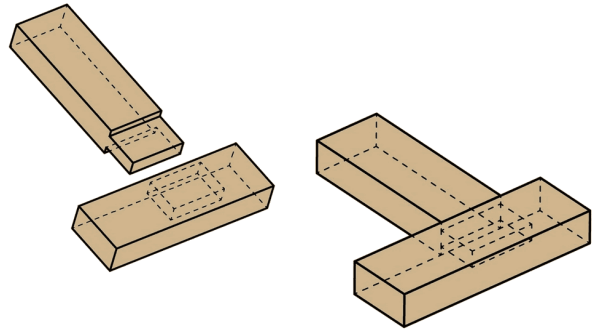
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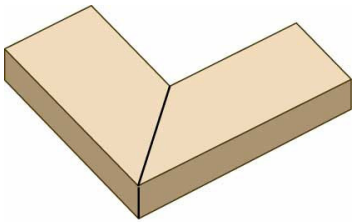
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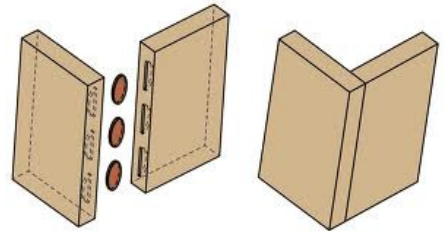


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44.



45.

46. Write the formula used to calculate board feet;

47. What must be done to any assembly prior to applying glue, nails and clamps?

48. What is the definition of the word "Kerf"?

49. What is the purpose of a "backer board"?

50. What is the first thing you should do when beginning a new project?