

9

STUDY GUIDE
JOINTER SAFETY

NAME: _____

CLASS OR PERIOD: _____

DATE OF INSTRUCTION: _____

1. Get the instructor's permission before you use the jointer.
2. Check the safety guard over the cutter head. Make sure it swings freely and returns to its position over the cutter head.
3. The fence should be set so that no more of the cutter head is exposed than is necessary.
4. Check to see that the fence is square, *and* that it's locked in position. The fence must be locked in position before you use the jointer.
5. Do not make *any* adjustments to the outfeed table. (If the outfeed table needs adjustment, check with the instructor.)
6. Before you turn on the jointer, check the *infeed* table adjustment. That's the adjustment for the depth of the cut. Adjust it for the smallest cut that'll do the job.
7. When edge jointing, never make a cut deeper than 1/8 inch.
8. When face jointing, when jointing along the flat surface of the face, never make a cut deeper than 1/16 inch.
9. Never adjust the jointer while it is operating. Always turn it off first. Wait for it to come to a complete stop before you adjust it.
10. Check the dimensions of the stock. The material must be large enough to be used on the jointer safely. (It should be at *least* 12 inches long, 1 inch wide and 1/2 inch thick.)
11. The wood must be sound, with no defects such as knots, splits or checks. It must be clean, with no hardware, paint or other finishes on it.
12. The material must be held down firmly against the table and along the fence.
13. Be sure there is a push stick or a push block within reach. Always use a push stick or a push block when jointing flat or narrow material.
14. Use a push block for face jointing.
15. Stand so you are balanced when you make the cut. Don't over-reach. Ask someone to "tail-off" for you if the stock is too long to handle safely by yourself.
16. Move your hands so they never apply pressure directly over the cutter head. Pressure should be applied in front of the cutter head and behind it, *not* directly over it.
17. Keep your hands and arms at least 4 inches away from the rotating knives in the cutter head.
18. Complete each pass on the jointer. Don't interrupt a cut or try to back out of it. Backing out of a cut can cause serious kick-back and you could be injured.
19. Don't joint across the end grain of the wood. End grain jointing should be avoided until you have had specific instruction on how to do it safely.
20. The jointer is sometimes used for beveling or for tapering. These operations require special set-ups. Check with the instructor before you use any special set-up.
21. When you are finished using the jointer, turn it off and stay with it until it has come to a complete stop.
22. Don't do *anything* on the jointer that you are not sure of. Use the jointer *only* after its correct, safe use has been demonstrated for you and you understand the instructions.

TEST JOINTER SAFETY

NAME: _____

CLASS OR PERIOD: _____

DATE: _____ SCORE: _____

ALWAYS WEAR EYE PROTECTION

1. Use the jointer *only* if you have the instructor's _____.
2. The _____ over the cutter head must swing freely and return to its position over the cutter head.
3. Adjust the fence so that no more of the cutter head is _____ than is necessary.
4. The fence must be _____ securely in position before you use the jointer.
5. Do not make any adjustments to the _____ table.
6. Adjust the _____ table for the correct depth of the cut before you turn on the jointer.
7. An edge jointing cut should never be deeper than _____.
8. A face jointing cut should never be deeper than _____.
9. Turn off the jointer and wait for it to come to a _____ stop before making any adjustments.
10. Check the dimensions of the material. The board must be _____ enough to be jointed safely.
11. The wood must be in good condition, with no hardware, paint or _____ in it.
12. Hold the wood _____ against the table and the fence as you feed it through the jointer.
13. Always use a _____ when jointing flat or narrow material.

COMPLETE EACH STATEMENT WITH THE CORRECT LETTER OR WORDS IN THIS COLUMN

- A. 4 INCHES
- B. INSTRUCTOR
- C. PUSH BLOCK
- D. COMPLETE
- E. PERMISSION
- F. CORRECT, SAFE
- G. LARGE
- H. FACE
- I. SAFETY GUARD
- J. INFEEED
- K. STOP
- L. BALANCED
- M. EXPOSED
- N. 1/8 INCH
- O. DEFECTS
- P. AVOIDED
- Q. FIRMLY
- R. LOCKED
- S. 1/16 INCH
- T. OUTFEED
- U. CUTTER HEAD
- V. BACK OUT



TEST
JOINTER SAFETY
 second page

NAME: _____

CLASS OR PERIOD: _____

14. A push block should always be used when _____ jointing.
15. Don't over-reach. Always plan the cut so you can stay _____.
16. Hold the material so your hands are never applying pressure directly over the _____.
17. Keep your hands and arms at least _____ away from the cutter head.
18. Complete each pass on the jointer. Don't interrupt the cut or try to _____ of it.
19. Jointing across the end grain of the material should be _____.
20. Special set-ups must first be checked with the _____.
21. When you have turned off the jointer, stay with it until it has come to a complete _____.
22. Use the jointer only after its _____ use has been demonstrated for you and you understand the instructions.

GET PERMISSION

- A. 4 INCHES
 B. INSTRUCTOR
 C. PUSH BLOCK
 D. COMPLETE
 E. PERMISSION
 F. CORRECT, SAFE
 G. LARGE
 H. FACE
 I. SAFETY GUARD
 J. INFEEED
 K. STOP
 L. BALANCED
 M. EXPOSED
 N. 1/8 INCH
 O. DEFECTS
 P. AVOIDED
 Q. FIRMLY
 R. LOCKED
 S. 1/16 INCH
 T. OUTFEED
 U. CUTTER HEAD
 V. BACK OUT

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 3/4

9**ANSWER KEY**
JOINTER SAFETY**9****ANSWER KEY**
JOINTER SAFETY
second pageSTATEMENT
NUMBERCORRECT LETTER
AND WORDS

- | | |
|----|------------------------|
| 1 | E. PERMISSION |
| 2 | I. SAFETY GUARD |
| 3 | M. EXPOSED |
| 4 | R. LOCKED |
| 5 | T. OUTFEED |
| 6 | J. INFEED |
| 7 | N. $\frac{1}{8}$ INCH |
| 8 | S. $\frac{1}{16}$ INCH |
| 9 | D. COMPLETE |
| 10 | G. LARGE |
| 11 | O. DEFECTS |
| 12 | Q. FIRMLY |
| 13 | C. PUSH BLOCK |

STATEMENT
NUMBERCORRECT LETTER
AND WORDS

- | | |
|----|------------------|
| 14 | H. FACE |
| 15 | L. BALANCED |
| 16 | U. CUTTER HEAD |
| 17 | A. 4 INCHES |
| 18 | V. BACK OUT |
| 19 | P. AVOIDED |
| 20 | B. INSTRUCTOR |
| 21 | K. STOP |
| 22 | F. CORRECT, SAFE |