





**Name:** \_\_\_\_\_

**Score:** \_\_\_\_\_

19. What happens if you let the endmill hit the table or vice?
  
  
  
  
  
  
  
  
  
  
20. Why don't we cut side to side with a drill bit?
  
  
  
  
  
  
  
  
  
  
21. What tool do you use to tighten a drill chuck?
  
  
  
  
  
  
  
  
  
  
22. How do you lock the quill height?
  
  
  
  
  
  
  
  
  
  
23. What are the three wheels or cranks that move the axes?
  - a.
  
  
  
  
  
  
  
  
  
  
  - b.
  
  
  
  
  
  
  
  
  
  
  - c.
  
  
  
  
  
  
  
  
  
  
24. You only change the speed range with the machine on or off?
  
  
  
  
  
  
  
  
  
  
25. You only adjust the speed when the machine is on or off?
  
  
  
  
  
  
  
  
  
  
26. The digital readout displays what?

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27. Why should you always measure the part even if you have a digital readout?
  
28. How do you make the spindle turn forward?
  
29. How do you make the spindle turn in reverse?
  
30. How do you slow the mill down quickly?
  
31. What is the first step before clamping a part in the vice?
  
32. What do you use to hold large parts to machine?
  
33. What do you use to find the edge of a part?
  
34. How can you tell when the edge finder is lined up?
  
35. What is a starter bit used for?

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36. What kind of pressure do you apply to drill a hole?
  
  
  
  
  
  
  
  
  
  
37. When you drill a hole, why would you want to use the desired size to start with rather than using a smaller bit and working up in size?
  
  
  
  
  
  
  
  
  
  
38. When drilling through holes what do you want to prevent hitting?
  
  
  
  
  
  
  
  
  
  
39. Describe the process for machining a slot.
  
  
  
  
  
  
  
  
  
  
40. What is the process for creating a tapped hole.
  
  
  
  
  
  
  
  
  
  
41. What do you do at the end of every day?