

C.N.C. Mill Pre-test

Name: _____ Module: _____ Date: _____ Period: _____

Directions: Follow the instructor's directions for taking the Pre-test. The Pre-test does not count as a part of your final module grade. Its purpose is to determine how much you learn during the CNC Mill Module. Choose the answer that best corresponds to the question.

1. Technology includes the tools, materials, and _____ people use to manufacture products.

- A. labor
- B. processes
- C. machinery
- D. None of the above

2. True or False: The high standard of living we enjoy today is the result of highly efficient machine tools and their use in manufacturing.

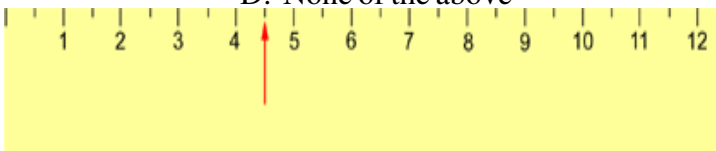
- A. True
- B. False

3. The first tools date back about 50,000 years to the _____ Age.

- A. Copper
- B. Bronze
- C. Stone
- D. None of the above

4. What is the correct decimal measurement as indicated by the arrow on the ruler?

- A. 4.25
- B. 5.50
- C. 4.50
- D. None of the above

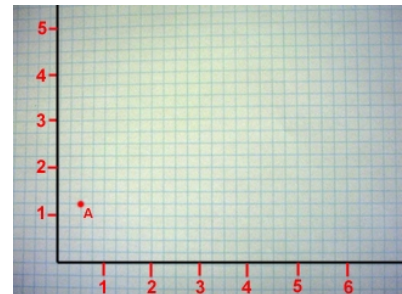


5. The _____ is perpendicular to the plane where X and Y are located.

- A. T-axis
- B. Z-axis
- C. B-axis
- D. None of the above

6. Which set of coordinates is true for the point designated as A in the diagram below?

- A. (4,3)
- B. (1,1.50)
- C. (.50,1.50)
- D. (.50,1.25)



7. True or False: You need not wear safety glasses each time you mill out a part.

- A. True
- B. False

8. _____ codes represent a cutting move in a linear (straight line) direction.

- A. J02
- B. G01
- C. G00
- D. M03

9. _____ codes represent non cutting rapid move command.

- A. J02
- B. G01
- C. G00
- D. M03

10. _____ moves the cutting tool along an arc from the starting point specified in one line of programming, to an end point specified in the next line.

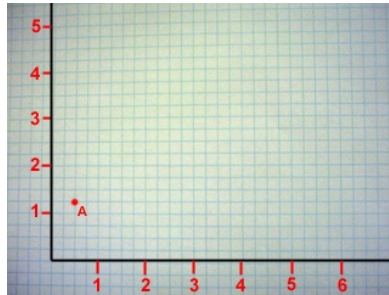
- A. Circular injunction
- B. Circular repolarization
- C. Circular interpolation
- D. None of the above

CNC Mill Post-test

Name: _____ Module: _____ Date: _____ Period: _____

Directions: Follow the instructor's directions for taking the Post-test. The Post-test will count as a part of your final module grade. Its purpose is to determine how much you learn during the CNC Mill Module. Choose the answer that best corresponds to the question.

1. Which set of coordinates is true for the point designated as A in the diagram below?



- A. (4,3)
- B. (1,1.50)
- C. (.50,1.50)
- D. (.50,1.25)

2. True or False: You need not wear safety glasses each time you mill out a part.

- A. True
- B. False

3. _____ codes represent a cutting move in a linear (straight line) direction.

- A. J02
- B. G01
- C. G00
- D. M03

4. _____ codes represent non cutting rapid move command.

- A. J02
- B. G01
- C. G00
- D. M03

5. _____ moves the cutting tool along an arc from the starting point specified in one line of programming, to an end point specified in the next line.

- A. Circular in junction
- B. Circular repolarization
- C. Circular interpolation
- D. None of the above

6. Technology includes the tools, materials, and _____ people use to manufacture products.

- A. labor
- B. processes
- C. machinery
- D. None of the above

7. True or False: The high standard of living we enjoy today is the result of highly efficient machine tools and their use in manufacturing.

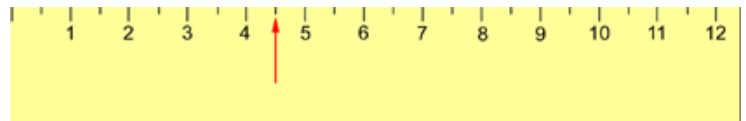
- A. True
- B. False

8. The first tools date back about 50,000 years to the _____ Age.

- A. Copper
- B. Bronze
- C. Stone
- D. None of the above

9. What is the correct decimal measurement as indicated by the red arrow on the ruler?

- A. 4.25
- B. 5.50
- C. 4.50
- D. None of the above



10. The _____ is perpendicular to the plane where X and Y are located.

- A. T-axis
- B. Z-axis
- C. B-axis
- D. None of the above