



# Quiz 10B

## Dimensioning

Name \_\_\_\_\_

Date \_\_\_\_\_ Section \_\_\_\_\_ Score \_\_\_\_\_

*Carefully read each question before answering it. Write your answer in the space provided.*

- \_\_\_\_\_ inch dimensioning is most common in mechanical drafting. 1. \_\_\_\_\_
- \_\_\_\_\_ dimensions are placed horizontally to read from the bottom of the drawing. \_\_\_\_\_ dimensions are placed parallel to the dimension lines. 2. A. \_\_\_\_\_  
B. \_\_\_\_\_
- Dimension lines and extension lines are drawn to the same line weight as \_\_\_\_\_ lines. 3. \_\_\_\_\_  
A. border  
B. object  
C. center  
D. section
- When arranging dimensions on a drawing, \_\_\_\_\_ dimensions should be placed farthest from the view. 4. \_\_\_\_\_  
A. location  
B. size  
C. small  
D. overall
- A leader is drawn as an inclined line with a small horizontal tail called a \_\_\_\_\_. 5. \_\_\_\_\_
- \_\_\_\_\_ dimensioning is a method in which several dimensions are placed in a straight line along an object to describe successive features. 6. \_\_\_\_\_
- The symbol \_\_\_\_\_ indicates that the dimension is a diameter. The symbol is placed before the dimension. 7. \_\_\_\_\_
- Arcs are dimensioned by giving the \_\_\_\_\_. The capital letter \_\_\_\_\_ indicates that the dimension is a radius. 8. A. \_\_\_\_\_  
B. \_\_\_\_\_

9. A \_\_\_\_\_ is a chamfered recess at the end of a smaller hole used to receive the head of a fastener. 9. \_\_\_\_\_  
A. countersink  
B. counterbore  
C. boss  
D. spotface
10. Angular dimensions are expressed in \_\_\_\_\_. 10. \_\_\_\_\_  
A. decimal inches  
B. fractional inches  
C. millimeters  
D. degrees
11. The \_\_\_\_\_ is the standard metric unit for dimensioning engineering drawings. 11. \_\_\_\_\_
12. A \_\_\_\_\_ drawing is made without dimensions. It is used to make prints that can be given inch or metric dimensions. 12. \_\_\_\_\_
13. A feature control \_\_\_\_\_ is a rectangular compartment that contains a divided series of symbols identifying geometric tolerance. 13. \_\_\_\_\_