



# Quiz 9A

## Dimensioning and Notes

Name \_\_\_\_\_

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

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

1. Why are dimensions and shop notes needed? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. What do dimensions define? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. What do notes provide? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. In what direction are unidirectional dimensions read? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. In what direction are aligned dimensions read? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. The dimension line is a \_\_\_\_\_.  
A. heavy solid line  
B. fine solid line  
C. fine dotted line  
D. All of the above.  
E. None of the above.
6. \_\_\_\_\_
7. The dimension line is capped with \_\_\_\_\_.  
7. \_\_\_\_\_
8. Dimensions are placed on views that show \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. Dimensions should be \_\_\_\_\_ rather than \_\_\_\_\_  
about the drawing.  
9. \_\_\_\_\_  
\_\_\_\_\_

10. Dimensions must be complete so that \_\_\_\_\_. 10. \_\_\_\_\_  
A. no scaling of the drawing is necessary  
B. sizes and shapes can be determined without assuming any measurements  
C. Both of the above.  
D. None of the above.
11. When all dimensions are in inches, the \_\_\_\_\_ is not used. 11. \_\_\_\_\_
12. Circle diameter is indicated by the symbol \_\_\_\_\_. It is placed \_\_\_\_\_ the dimension. 12. \_\_\_\_\_  
\_\_\_\_\_
13. Sketch the symbols used to indicate the following:  
A. Hole depth      B. Countersunk hole      C. Counterbored hole
14. When a leader is used to indicate a diameter, it always points to the \_\_\_\_\_ of the diameter. 14. \_\_\_\_\_
15. The letter \_\_\_\_\_ indicates radius. It is placed \_\_\_\_\_ the dimension. 15. \_\_\_\_\_  
\_\_\_\_\_
16. Define dual dimensioning. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
17. Some drawings are dimensioned with letters. Where does the person using the drawing get the inch/millimeter sizes needed to make the part? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
18. What is a master drawing and how is it used? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_