



# Quiz 4A

## Drafting Equipment

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

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

- List two basic purposes of a T-square. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Why is a vinyl board cover sometimes attached to the working surface of a drawing board?  
\_\_\_\_\_  
\_\_\_\_\_
- \_\_\_\_\_ are transparent plastic tools used to draw vertical lines and inclined lines at 30°, 45°, and 60° angles. 3. \_\_\_\_\_
- A compass is used in drafting to draw \_\_\_\_\_ and \_\_\_\_\_. 4. A. \_\_\_\_\_  
B. \_\_\_\_\_
- A pencil is repointed with a(n) \_\_\_\_\_. 5. \_\_\_\_\_
- The best way to attach a drawing sheet to the board is to use drafting \_\_\_\_\_. 6. \_\_\_\_\_
- A(n) \_\_\_\_\_ is a small mesh pouch filled with very fine eraser particles used to collect excess graphite from a drawing surface. 7. \_\_\_\_\_
- What is the purpose of a *protractor*? \_\_\_\_\_  
\_\_\_\_\_
- What grade of lead pencil is recommended for layout work? What grade pencil is recommended for darkening lines and lettering? \_\_\_\_\_  
\_\_\_\_\_
- Describe the different meanings of the term *scale* in relation to drafting. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

11. The whole number divisions on an architect's scale are used to make measurements in \_\_\_\_\_.
12. A(n) \_\_\_\_\_ scale is a fully divided scale with inch divisions that are multiples of 10.
13. List five basic hardware components that make up a CAD system.
11. \_\_\_\_\_
12. \_\_\_\_\_
13. A. \_\_\_\_\_  
B. \_\_\_\_\_  
C. \_\_\_\_\_  
D. \_\_\_\_\_  
E. \_\_\_\_\_
14. What type of memory is used by a computer to temporarily store and process unsaved data for later retrieval? \_\_\_\_\_
15. Describe the drafting concepts that are common to both traditional board drafting and computer-aided drafting. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
16. How should a computer monitor be positioned to minimize eyestrain and strain on the neck?  
\_\_\_\_\_  
\_\_\_\_\_