

► PROBLEMS

Several one-view sketching problems are given in Figs. 2-16 to 2-31. For each problem, use an $8\frac{1}{2} \times 11$ " sheet of cross-section paper, plain bond typewriter paper, or drawing paper. Sketch a border, leaving a margin of about $\frac{1}{2}$ " on all sides. Then sketch the assigned problem carefully in proportion, fitting it on the sheet approximately as shown. Write the date and your name at the bottom of each sheet. For problems 2-24 and 2-25, you may sketch the plans as shown. With your instructor's approval, you may sketch a plan of your own home.

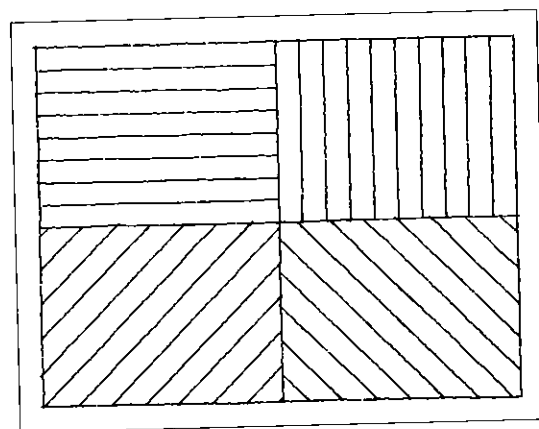


Fig. 2-16. Straight lines.

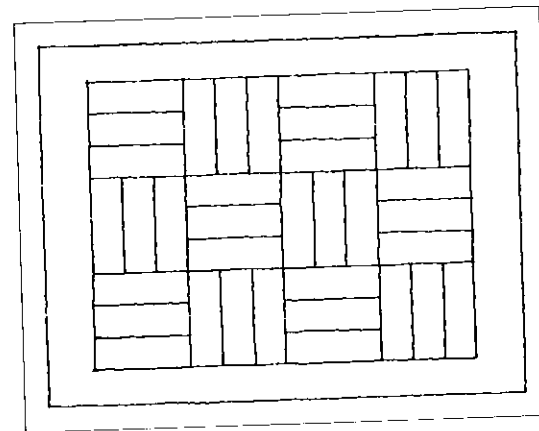


Fig. 2-17. Parquet floor.

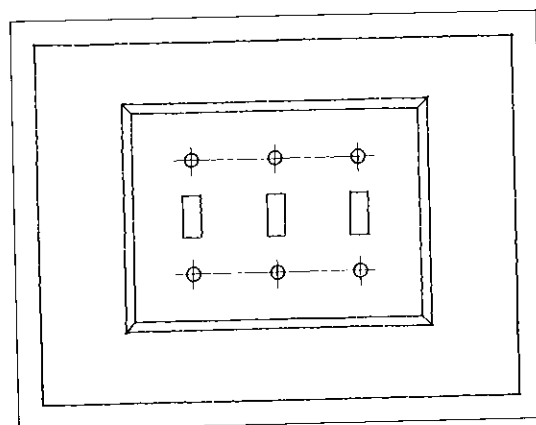


Fig. 2-18. Switch cover.

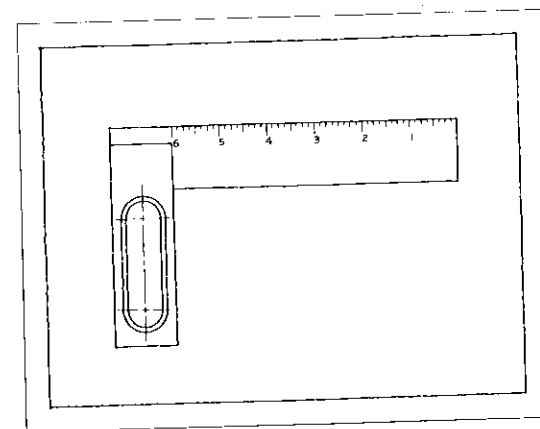


Fig. 2-19. Try square.

Additional one-view sketching problems are available in Figs. 4-44 to 4-65. Sketching from actual objects similar to those shown below will be most helpful. Select an object. Obtain your instructor's approval before you start work.

If assigned by the instructor, construct drawings using decimal-inch or metric scales by converting given fractional dimensions to decimal-inch or metric equivalents. Refer to Table 20 in the Appendix.

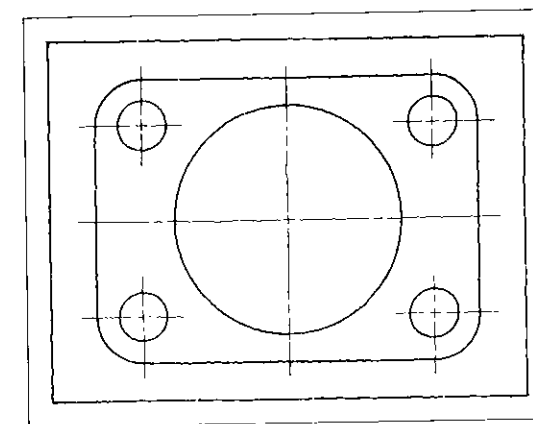


Fig. 2-20. Cover gasket.

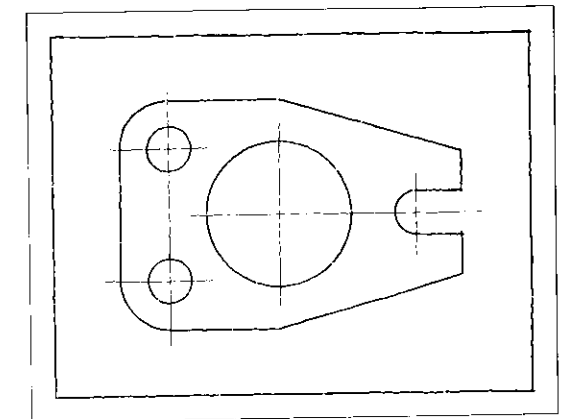


Fig. 2-21. Stamping.

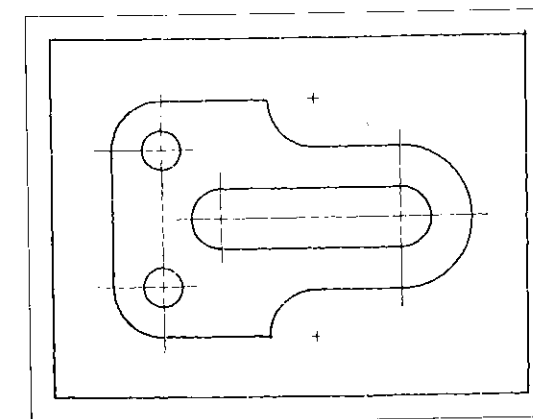


Fig. 2-22. Stamping.

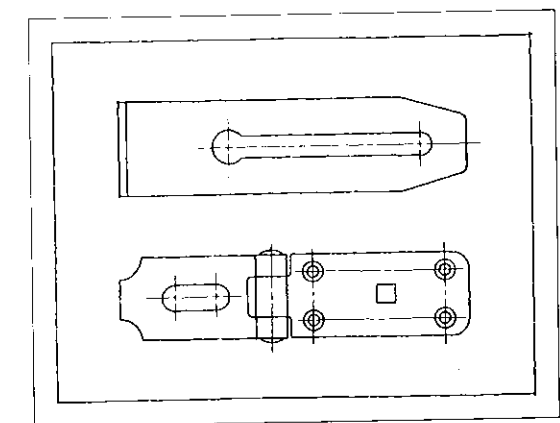


Fig. 2-23. Plane blade and hasp.