

**FURNITURE CONSTRUCTION AND SELECTION**

1. List three qualities of hardwoods.  
**Greater dimensional stability**  
**Less pitch**  
**More durability**  
**Harder**  
**Holds nails and screws better**  
**Less likely to dent**
2. Name three hardwoods commonly used in furniture construction.  
**Cherry**  
**Maple**  
**Pecan**  
**Oak**  
**Walnut**
3. Name two qualities of softwoods.  
**Develops checks and cracks**  
**Not as strong as hardwood**  
**Less expensive than hardwood**
4. Name two softwoods commonly used in furniture construction.  
**Cedar**  
**Pine**  
**Redwood**  
**Cypress**
5. What are veneers?  
**Thin slices of wood**
6. Name two advantages of using veneers in furniture construction.  
**Good to use when solid wood is too expensive**  
**Good to use when solid wood is too heavy**  
**Greater strength**  
**Less cost**
7. Explain why furniture joints are important.  
**They affect the life of the furniture, its durability, and its strength.**
8. List five types of furniture joints.  
**Butt, rabbet, dado, lap, dowel, mortise-and-tenon, tongue and groove, spline, dovetail, blocking**
9. Describe the principal parts of a piece of upholstered furniture.
  - a. **Frame—Should be kiln dried hardwood. Joints should be strengthened.**

- b. Cushioning Materials—**Springs in seat bases, thick cushioning applied over springs and frame. Foam, fiberfill, and down are used.**
10. How many coils should a good quality mattress have?  
**300**
11. Name and describe the three types of support springs used in mattress construction.  
**Box springs: coils attached to a base covered with padding**  
**Coil springs: same as box, but not covered or padded**  
**Flat springs: frame with flat springs**
12. List 2 metals used in furniture construction.  
**Aluminum**  
**Iron**  
**Steel**
13. Give two examples of how metals are used in furniture construction.  
**Lawn chairs**  
**Outdoor furniture**  
**Modern furniture**
14. What are the advantages of using metals in furniture construction?  
**Can be light or heavy, inexpensive, strong**
15. What are the disadvantages of using metals in furniture construction?  
**Bends, dents, brittle, rusts, tarnishes**
16. List five advantages of using plastic in furniture construction  
**Imitates other materials**  
**Light weight**  
**Durable**  
**Inexpensive**  
**Easy to clean**
17. Identify three things you should check for when buying case furniture.  
**Surface finish, back, inside, solid construction, sturdy base, working parts, drawers open smoothly**
18. Identify three things you should check for when buying upholstered furniture.  
**Zippers, underlining, spring quality, comfort**
19. What information and materials should you take with you when shopping for furniture?  
**Measurements: what size are door openings**  
**Colors: carpet, wallpaper, paint, fabric to match**