

## **Chapter 1: Hand Tools**

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### **TRUE/FALSE**

1. The prefix *kilo-* represents 1,000 times larger.

ANS: T                      PTS: 1

2. In construction, the term *plumb* is used to indicate that which is horizontal.

ANS: F                      PTS: 1

3. Bench planes are given names according to their length.

ANS: T                      PTS: 1

4. Ripsaws are designed to cut across the grain of lumber.

ANS: F                      PTS: 1

5. The Phillips screwdriver has a cross-shaped tip.

ANS: T                      PTS: 1

6. The fractions 12/16 and 24/32 are the same value.

ANS: T                      PTS: 1

7. Square is a term used to describe a surface that is perfectly vertical

ANS: F                      PTS: 1

8. The method of marking a piece to be cut and fitted an irregular surface is called wing dividing.

ANS: F                      PTS: 1

9. When driving nails, the angle and placement of the nails are important.

ANS: T                      PTS: 1

10. Masonry nails and other hardened steel items are safe to drive with a hammer because they do not often break.

ANS: F                      PTS: 1

### **MULTIPLE CHOICE**

1. A \_\_\_\_ is 1/100 of a meter.

a. micron	c. centimeter
b. millimeter	d. decimeter

ANS: C                      PTS: 1

2. Most rules and tapes used by the carpenter have increments of \_\_\_\_ inches, clearly marked in red, and 19.2 inches, indicated by small black diamonds.
- a. 6
  - b. 8
  - c. 12
  - d. 16

ANS: D                      PTS: 1

3. The \_\_\_\_ square consists of a movable blade, 1 inch wide and 12 inches long, that slides along the body of the square.
- a. combination
  - b. speed
  - c. framing
  - d. bevel

ANS: A                      PTS: 1

4. The carpenter's \_\_\_\_ is used to test both level and plumb surfaces.
- a. rule
  - b. level
  - c. plumb bob
  - d. steel tape

ANS: B                      PTS: 1

5. Long straight lines are laid out by using a chalk \_\_\_\_.
- a. line
  - b. gauge
  - c. marker
  - d. rule

ANS: A                      PTS: 1

6. \_\_\_\_ is the technique of laying out stock to fit against an irregular surface.
- a. Dividing
  - b. Etching
  - c. Fastening
  - d. Scribing

ANS: D                      PTS: 1

7. The wood \_\_\_\_ is used to cut recesses in wood for things such as door hinges and locksets.
- a. hatchet
  - b. bevel
  - c. chisel
  - d. saw

ANS: C                      PTS: 1

8. The \_\_\_\_ plane is 14 inches long and of all the bench planes is considered the best for all-around work.
- a. jack
  - b. jointer
  - c. fore
  - d. smooth

ANS: A                      PTS: 1

9. \_\_\_\_ planes are small planes designed to be held in one hand.
- a. Scrub
  - b. Router
  - c. Block
  - d. Shoulder

ANS: C                      PTS: 1

10. When starting to plane, push forward while applying pressure downward on the \_\_\_\_ (front).
- a. handle
  - b. toe
  - c. lever cap
  - d. heel

ANS: B                      PTS: 1

11. To produce a keen edge, chisels and plane irons must be \_\_\_\_ (sharpened) by using an oilstone or whetstone.
- a. tempered
  - b. annealed
  - c. compacted
  - d. whetted
- ANS: D                      PTS: 1
12. \_\_\_\_ snips are used to cut thin metal, such as roof flashing and metal roof edging.
- a. Aluminum
  - b. Tin
  - c. Copper
  - d. Steel
- ANS: B                      PTS: 1
13. A \_\_\_\_ knife is a universal cutting tool.
- a. flexible
  - b. Bowie
  - c. utility
  - d. Swiss
- ANS: C                      PTS: 1
14. The crosscut saw has teeth shaped like \_\_\_\_.
- a. knives
  - b. chisels
  - c. wedges
  - d. planes
- ANS: A                      PTS: 1
15. The \_\_\_\_ saw is used to make curved cuts.
- a. shark tooth
  - b. veneer
  - c. dovetail
  - d. compass
- ANS: D                      PTS: 1
16. \_\_\_\_ are generally used to cut thin material such as metal.
- a. Coping saws
  - b. Wallboard saws
  - c. Hacksaws
  - d. Keyhole saws
- ANS: C                      PTS: 1
17. The \_\_\_\_-ounce curved claw hammer is most popular for general work.
- a. 7
  - b. 16
  - c. 20
  - d. 32
- ANS: B                      PTS: 1
18. \_\_\_\_ is the technique of driving nails at an angle to fasten the end of one piece to another.
- a. Face nailing
  - b. Skewed nailing
  - c. Side nailing
  - d. Toenailing
- ANS: D                      PTS: 1
19. The \_\_\_\_ is used to withdraw large nails and to pry when dismantling parts of a structure.
- a. slotted screwdriver
  - b. flat bar
  - c. wrecking bar
  - d. cat's paw
- ANS: C                      PTS: 1
20. \_\_\_\_ are hardwood blocks with threaded rods through them.

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- a. Wood screws
- b. C clamps
- c. Spring clamps
- d. Quick clamps

ANS: A

PTS: 1