

CH-9 Hand Tools

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) What type of screwdriver should be used if there is very limited space above the head of the fastener? 1) _____
A) Impact screwdriver B) Phillips screwdriver
C) Robertson screwdriver D) Offset screwdriver
- 2) Technician A says that adjustable end wrenches should be used to tighten fasteners. Technician B says that adjustable end wrenches can round the edges of fasteners. Which technician is correct? 2) _____
A) Technician A only B) Technician B only
C) Both technicians A and B D) Neither technician A nor B
- 3) Technician A says that a crowfoot socket can be used with a ratchet. Technician B says that a crowfoot socket can be used with an extension. Which technician is correct? 3) _____
A) Technician A only B) Technician B only
C) Both technicians A and B D) Neither technician A nor B
- 4) Which type socket is more likely to round the corners of a fastener? 4) _____
A) 6 point B) 12 point C) Both A and B D) Neither A nor B
- 5) Technician A says that a cheater bar is an easy way to apply more torque to loosen a fastener. Technician B says that a cheater bar may cause a socket to shatter. Which technician is correct? 5) _____
A) Technician A only B) Technician B only
C) Both technicians A and B D) Neither technician A nor B
- 6) What type of hammer is plastic coated, has a metal casing inside, and is filled with small lead balls? 6) _____
A) Plastic hammer B) Soft blow hammer
C) Sledge hammer D) Dead blow hammer
- 7) Which type of screwdriver can also be used as a chisel? 7) _____
A) Phillips B) Flat blade C) Both A and B D) Neither A nor B
- 8) Refer to the picture below. Choose the correct name for the tool. 8) _____



- A) Flare wrench B) End wrench
C) Socket wrench D) Combination wrench

- 9) Technician A says that clicker type torque wrenches should be calibrated regularly. Technician B says to store clicker torque wrenches at their minimum setting. Which technician is correct? 9) _____
 A) Technician A only B) Technician B only
 C) Both technicians A and B D) Neither technician A nor B
- 10) Which type tool is designed for cutting only? 10) _____
 A) Lineman pliers B) Diagonal cutters
 C) Both A and B D) Neither A nor B
- 11) The proper term for Vise Grips is _____. 11) _____
 A) Side cuts B) Slip-joint pliers
 C) Multigroove adjustable pliers D) Locking pliers
- 12) Which type of pliers is capable of fitting over a large object? 12) _____
 A) Linesman's pliers B) Multigroove adjustable pliers
 C) Slip joint pliers D) Locking pliers
- 13) Sockets are used with _____. 13) _____
 A) Ratchets B) Breaker bars C) Both A and B D) Neither A nor B
- 14) Which type hammer is designed for automotive service use? 14) _____
 A) Ball peen B) Claw C) Both A and B D) Neither A nor B
- 15) Which type of Phillips screwdriver has the sharpest tip? 15) _____
 A) #1 B) #3 C) #2 D) None of these
- 16) Crowfoot sockets are available in which design? 16) _____
 A) Flare nut wrench B) Open end wrench
 C) Both A and B D) Neither A nor B
- 17) An impact screwdriver is used along with what other tool? 17) _____
 A) Box end wrench B) Air powered impact gun
 C) Hammer D) Chisel
- 18) The proper term for Channel Locks is _____. 18) _____
 A) Multigroove adjustable pliers B) Crescent wrench
 C) Locking pliers D) Vise Grips
- 19) Which of these wrenches is recommended for loosening air conditioning refrigerant lines? 19) _____
 A) Open end wrench B) Box end wrench
 C) Flare-nut wrench D) Combination wrench

TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.

- 20) A Torx driver can offer more torque than a Phillips-type driver. 20) _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 21) Open end and box end wrenches are offset how many degrees for clearance? 21) _____
 A) 90 degrees B) 15 degrees C) 0 degrees D) 45 degrees

- 22) Which tool has a replaceable cutting edge? 22) _____
A) Tin snips B) Utility knife C) Aviation snips D) Side cut pliers
- 23) Slip joint pliers can be used in how many positions? 23) _____
A) Four B) Two C) One D) Six
- 24) Which type wrench is used on fasteners that do NOT require a lot of torque? 24) _____
A) Box end B) Open end C) Adjustable D) None of these
- 25) Technician A says that an adjustable wrench has a box end on one end and an open end at the other end. Technician B says that a combination wrench has a box end at one end and an open end at the other end. Which technician is correct? 25) _____
A) Technician A only B) Technician B only
C) Both technicians A and B D) Neither technician A nor B