Achievable

ASVAB DUMP SHEET

Fasteners, cutting, and finishing tools

Nuts and bolts

Tool	Used for
Hex nut	The standard six-sided nut
Wing nut	Turned by hand, for frequent adjustment
Castellated nut	Slotted for a cotter pin, so it cannot back off: wheel hubs, steering
Locknut	A nylon insert resists vibration
Cap nut	Covers the bolt's exposed threads
Hex bolt	Blunt-ended; passes through a drilled hole, where a screw makes its own

A bolt is threaded outside, a nut inside; their sizes must match

Saws

Tool	Used for
Crosscut saw	Across the wood's grain
Rip saw	Along the grain
Coping saw	Detailed curves
Hacksaw	Metal: pipe, rods, bolts
Miter box and backsaw	Accurate angled cuts in trim
Miter saw	Powered crosscuts and angles
Circular saw	Handheld; straight cuts in plywood and lumber
Band saw	Stationary loop blade; curves and resawing
Jigsaw	Handheld; curves and circles
Reciprocating saw	Handheld, back-and-forth blade; demolition

Other cutting tools

Tool	Used for
Bolt cutters	Bolts, chains, rods
Wire cutters and strippers	Cut wire; strip insulation
Axe	Chopping and splitting wood
Jig	Guides a blade along a set path

Longer handles give more leverage

Finishing

Tool	Used for
File	Removes a little material at a time
Rasp	Removes more, more aggressively
Plane	Shaves thin layers off wood
Wood chisel	Cuts and pares wood: joints, mortises
Belt sander	Removes material; coarser paper takes more
Orbital sander	Smooths the final surface

Clamps

Tool	Used for
C-clamp	General clamping: wood, metal, welding
Parallel clamp	Even pressure across both jaws; glue-ups
Bar and pipe clamps	Long reach for wide panels
Spring clamp	Quick, light holding
Band clamp	Wraps around round or odd shapes

Other tools

Tool	Used for
Pry bar	Prying, lifting, pulling nails
Breaker bar	A long handle for stuck bolts
Air compressor	Powers pneumatic tools; fills tires
Multimeter	Measures voltage, current and resistance