

**FFA State Finals 2026
Agricultural Mechanics
Tools and Material Identification**

PLACE YOUR NAME AND CONTESTANT NUMBER ON THE SCANTRON CARD PROVIDED.

WRITTEN EXAM B (51 -100)

DO NOT MARK ON THIS PAPER. PUT ANSWERS ON THE SCANTRON ONLY.
CHOOSE THE BEST ANSWER FOR THE ITEM MARKED.

NO NOTES OF ANY TYPE ARE ALLOWED!!

Table 1:

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|-----|---|--|
| 51. | a. Finishing trowel
c. Curb trowel | b. Corner trowel
d. Edger |
| 52. | a. Particle board
c. Press board | b. OSB
d. Plywood |
| 53. | a. C x C Elbow
c. Copper fitting | b. Nibco Fitting
d. Male adapter |
| 54. | a. Clamp-type pipe coupling
c. Conduit union | b. EMT coupling
d. Joiner |
| 55. | a. coping saw
c. compass saw | b. hole saw
d. wood saw |
| 56. | a. Wire eye
c. Eye connector | b. Solderless connector
d. Eye |
| 57. | a. Copper adapter
c. Male adapter | b. C x T Female adapter
d. Copper fitting |
| 58. | a. compass
c. I.D. measuring tool | b. outside caliper
d. dividers |
| 59. | a. wood screw
c. sheet metal screw | b. machine screw
d. lag screw |

Table 2:

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|-----|--|--|
| 60. | a. Pipe clamp
c. Bar clamp | b. Pony clamp
d. Holding clamp |
| 61. | a. hoof file
c. wood file | b. wood rasp
d. coarse file |
| 62. | a. cable binder
c. cable winch | b. turn buckle
d. cable tightener |
| 63. | a. Fuse
c. GFI | b. Circuit breaker
d. GFCI |
| 64. | a. Locking Welding Clamp
c. Sheet metal clamp | b. Vise Grip pliers
d. 2-fingered clamp |
| 65. | a. Brick trowel
c. Drywall trowel | b. Plaster trowel
d. Putty knife |
| 66. | a. solvent brush
c. parts brush | b. acid brush
d. paint brush |
| 67. | a. U-clamp
c. Conduit strap | b. Pipe clamp
d. Galv. Pipe strap |
| 68. | a. Fuse
c. Circuit breaker | b. Knife fuse
d. Current limiter |
| 69. | a. pipe splitter
c. splitter | b. pipe cutter
d. tubing cutter |

Table 3:

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|-----|--|--|
| 70. | a. Cutting pliers
c. Wire crimper | b. Wire stripper
d. Cable ripper |
| 71. | a. tee drill
c. cross-chisel | b. star drill
d. center punch |
| 72. | a. valve spring
c. tension spring | b. compression spring
d. coil spring |
| 73. | a. Expansive bit
c. Adjustable hole saw | b. Circular wood saw
d. Single point hole saw |
| 74. | a. L-beam
c. steel angle | b. angle iron
d. angle steel |
| 75. | a. Lineman's pliers
c. flat-nosed wire dikes | b. Diagonal cutters
d. Vertical line pliers |
| 76. | a. Conduit bender
c. Pipe puller | b. Tube rocker
d. Wire puller |
| 77. | a. Chuck
c. Jacobs chuck | b. Charles chuck
d. 3-jaw drill chuck |
| 78. | a. diagonal cutting pliers
c. wire snips | b. dikes
d. wire cutters |
| 79. | a. coping shank nail
c. aluminum roofing nail | b. galvanized roofing nail
d. 12 penny nail |

Table 4:

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|-----|---|---|
| 80. | a. Cutting torch
c. Torch handle | b. Tip
d. Gas welder |
| 81. | a. plow bolt
c. elevator bold | b. flat head carraige bolt
d. carriage bolt |
| 82. | a. sheet metal nail
c. corrugated nail | b. corrugated fastener
d. truss nail |
| 83. | a. Morse taper sleeve
c. Drill bit adapter | b. Morris sleeve
d. Taper wedge |
| 84. | a. Oak
c. Alder | b. Pine
d. Douglas fir |
| 85. | a. Single edged axe
c. hollow-ground axe | b. hand axe
d. hatchet |
| 86. | a. Tubing
c. Hollow square stock | b. Square tubing
d. Rectangular tube |
| 87. | a. furniture clamp
c. Bar clamp | b. sliding clamp
d. combination clamp |
| 88. | a. tap handle
c. die stock | b. threader
d. die holder |
| 89. | a. slip joint pliers
c. combination pliers cutters | b. slip joint combination pliers
d. general purpose pliers |

Table 5:

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|------|---|---|
| 90. | a. Retainer pin
c. Clip pin | b. Cotter pin
d. Latch pin |
| 91. | a. hand float
c. finishing trowel | b. concrete finisher
d. float |
| 92. | a. Copper fitting tool
c. Bugel maker | b. Flaring tool
d. Deburring reamer |
| 93. | a. wall plug
c. double receptacle | b. duplex receptacle
d. double plug |
| 94. | a. concrete finisher
c. finishing trowel | b. hand float
d. float |
| 95. | a. chisel
c. wood scraper | b. pry bar
d. wood chisel |
| 96. | a. Countersink
c. Deburring reamer | b. Hole beveller
d. Tapered bit |
| 97. | a. ABS elbow
c. Black fitting | b. Long sweep $\frac{1}{4}$ bend hub
d. 2" Elbow hub |
| 98. | a. Knockout punch
c. Conduit clamp | b. Hole shear
d. Hole maker |
| 99. | a. Close nipple
c. Pipe | b. Nipple
d. Union |
| 100. | a. Male adapter
c. Female adapter | b. S x S coupling
d. Reducer |