

# AG MECHANICS 2017

## A. Carpentry – Identification of Hardware

Name \_\_\_\_\_

School \_\_\_\_\_

**Directions:** Place the corresponding number in the space provided. Numbers may only be used one time each.

### Bolts

- \_\_\_\_\_ 1/4" x 3/4" carriage
- \_\_\_\_\_ 1/4" x 1" carriage
- \_\_\_\_\_ 5/16" x 1 1/2" carriage
- \_\_\_\_\_ 5/16" x 2 1/4" carriage
- \_\_\_\_\_ 5/16" x 2 1/2" carriage
- \_\_\_\_\_ 5/16" x 2 3/4" carriage
- \_\_\_\_\_ 3/8" x 1 1/2" carriage
- \_\_\_\_\_ 3/8" x 2 1/4" carriage
- \_\_\_\_\_ 3/8" x 2 1/2" carriage
- \_\_\_\_\_ 3/8" x 2 3/4" carriage
- \_\_\_\_\_ 7/16" x 2 1/2" carriage
- \_\_\_\_\_ 7/16" x 2 3/4" carriage
- \_\_\_\_\_ 3/8" x 1 1/2" cap screw
- \_\_\_\_\_ 3/8" x 1 3/4" cap screw
- \_\_\_\_\_ 3/8" x 2" cap screw
- \_\_\_\_\_ 3/8" x 2 1/4" cap screw
- \_\_\_\_\_ 3/8" x 2 1/2" cap screw
- \_\_\_\_\_ 7/16" x 1 1/2" cap screw
- \_\_\_\_\_ 7/16" x 1 3/4" cap screw
- \_\_\_\_\_ 7/16" x 2" cap screw
- \_\_\_\_\_ 7/16" x 2 1/2" cap screw
- \_\_\_\_\_ 1/2" x 1 3/4" cap screw
- \_\_\_\_\_ 1/2" x 2" cap screw
- \_\_\_\_\_ 1/2" x 2 1/2" cap screw

### Hinges

- \_\_\_\_\_ 4" strap, steel
- \_\_\_\_\_ 4" tee, steel
- \_\_\_\_\_ 4" butt, steel
- \_\_\_\_\_ 5" strap, steel
- \_\_\_\_\_ 5" tee, steel
- \_\_\_\_\_ 5" butt, steel
- \_\_\_\_\_ 6" strap, steel
- \_\_\_\_\_ 6" tee, steel
- \_\_\_\_\_ 6" butt, steel
- \_\_\_\_\_ 12" strap, steel
- \_\_\_\_\_ 12" tee, steel
- \_\_\_\_\_ 12" butt, steel

### Lag Screws

- \_\_\_\_\_ 5/16" x 2" lag screw
- \_\_\_\_\_ 5/16" x 3" lag screw
- \_\_\_\_\_ 5/16" x 3 1/2" lag screw
- \_\_\_\_\_ 3/8" x 2 1/2" lag screw
- \_\_\_\_\_ 3/8" x 3" lag screw
- \_\_\_\_\_ 3/8" x 3 1/2" lag screw

### Lag Screws cont'd

- \_\_\_\_\_ 7/16" x 2 1/2" lag screw
- \_\_\_\_\_ 7/16" x 3" lag screw
- \_\_\_\_\_ 7/16" x 3 1/2" lag screw

### Screws

- \_\_\_\_\_ 1 1/2" No. 10 flat head, steel
- \_\_\_\_\_ 1 1/2" Pole barn
- \_\_\_\_\_ 2" Pole barn
- \_\_\_\_\_ 1 1/2" No. 6 flat head, steel
- \_\_\_\_\_ 1" No. 6 flat head, steel
- \_\_\_\_\_ 1 1/2" No. 10 round hd, steel
- \_\_\_\_\_ 1" No. 6 round hd, steel
- \_\_\_\_\_ 7/8" No. 8 phillips hd, steel
- \_\_\_\_\_ 1 1/4" No. 6 drywall
- \_\_\_\_\_ 1 5/8" No. 6 drywall
- \_\_\_\_\_ 2" No. 6 drywall
- \_\_\_\_\_ 1 1/4" No. 8 bugle hd
- \_\_\_\_\_ 3" No. 8 galv. bugle hd
- \_\_\_\_\_ 3" No. 8 coated deck screw

### Sheet Metal Screws

- \_\_\_\_\_ 3/4" No. 6 self drilling screw
- \_\_\_\_\_ 7/8" No. 6 phillips head
- \_\_\_\_\_ 3/4" No. 8 self drilling screw
- \_\_\_\_\_ 1" No. 8 slotted pan head
- \_\_\_\_\_ 3/4" No. 10 self drilling screw
- \_\_\_\_\_ 7/8" No. 10 phillips head

### Nails

- \_\_\_\_\_ 4d common
- \_\_\_\_\_ 4d box
- \_\_\_\_\_ 4d finish
- \_\_\_\_\_ 6d Common
- \_\_\_\_\_ 6d box
- \_\_\_\_\_ 6d finish
- \_\_\_\_\_ 6d galvanized
- \_\_\_\_\_ 8d common
- \_\_\_\_\_ 8d finish
- \_\_\_\_\_ 8d sinker (cement coated)
- \_\_\_\_\_ 10d common
- \_\_\_\_\_ 10d scaffold
- \_\_\_\_\_ 12d common
- \_\_\_\_\_ 16 d box
- \_\_\_\_\_ 16d common
- \_\_\_\_\_ 16d scaffold
- \_\_\_\_\_ 1 1/2" roofing smooth shank
- \_\_\_\_\_ 2" roofing smooth shank
- \_\_\_\_\_ 2" roofing barbed shank

### Power driven Nails/staples

- \_\_\_\_\_ Coiled roofing nails 7/8"
- \_\_\_\_\_ Coiled roofing nail 1 1/4"
- \_\_\_\_\_ Coiled roofing nail 1 1/2"
- \_\_\_\_\_ Crown staple 3/4"
- \_\_\_\_\_ Crown staple 1 1/4"
- \_\_\_\_\_ Framing nail 3 1/2"
- \_\_\_\_\_ Framing Nail 3 1/4"
- \_\_\_\_\_ Framing Nail 2 3/4"
- \_\_\_\_\_ Framing Nail 2 1/2"

### Nuts

- \_\_\_\_\_ 1/4" cap (acorn)
- \_\_\_\_\_ 1/4" hexagon
- \_\_\_\_\_ 1/4" self locking
- \_\_\_\_\_ 1/4" wing
- \_\_\_\_\_ 5/16" cap (acorn)
- \_\_\_\_\_ 5/16" hexagon
- \_\_\_\_\_ 5/16" castle
- \_\_\_\_\_ 5/16" self locking
- \_\_\_\_\_ 3/8" cap (acorn)
- \_\_\_\_\_ 3/8" hexagon
- \_\_\_\_\_ 3/8" self locking
- \_\_\_\_\_ 3/8" wing
- \_\_\_\_\_ 7/16" cap (acorn)
- \_\_\_\_\_ 7/16" hexagon
- \_\_\_\_\_ 7/16" castle
- \_\_\_\_\_ 7/16" self locking
- \_\_\_\_\_ 1/2" cap (acorn)
- \_\_\_\_\_ 1/2" hexagon
- \_\_\_\_\_ 1/2" self locking
- \_\_\_\_\_ 1/2" wing
- \_\_\_\_\_ 9/16" hexagon
- \_\_\_\_\_ 9/16" castle

### Washers

- \_\_\_\_\_ 1/4" spring lock
- \_\_\_\_\_ 1/4" flat steel
- \_\_\_\_\_ 5/16" spring lock
- \_\_\_\_\_ 5/16" flat steel
- \_\_\_\_\_ 3/8" spring lock
- \_\_\_\_\_ 3/8" flat steel
- \_\_\_\_\_ 7/16" spring lock
- \_\_\_\_\_ 7/16" flat steel
- \_\_\_\_\_ 1/2" spring lock
- \_\_\_\_\_ 1/2" flat steel
- \_\_\_\_\_ 9/16" spring lock
- \_\_\_\_\_ 9/16" flat steel