

## The 6 Steps of Squaring A Board

### Definition of a squaring a board -

The operation of making all adjacent sides of a board 90° to each other.

#### Step 1 Radial Arm Saw

- A. Put on safety glasses, remove all jewelry, and secure loose hair/clothing
- B. Crosscut lumber to rough length on Radial Arm Saw

#### Step 2 Surface Planer

- A. Locate and mark the grain direction
- B. Measure the thickness of the board
- C. Adjust the planer to the measured thickness of the rough board
- D. Reduce lumber to finished thickness 1/16" at a time

#### Step 3 Jointer

- A. Locate and mark the grain direction
- B. Joint a smooth, flat, edge that is exactly 90 degrees perpendicular to the surface grain

#### Step 4 Table Saw

- A. Properly set the blade height of the table saw
- B. Properly set the fence to the finished width plus 1/16"
- C. Select a comfortable push-stick and partner
- D. Have your partner double check the measurement
- E. Assume appropriate stance position
- F. Accurately rip cut the board making sure to cut entirely past the blade

#### Step 5 Jointer

- A. Measure the width of the board to ensure that it is 1/16" wider than the desired finished width
- B. Locate and mark the grain direction
- C. Joint the sawn edge to produce a smooth, flat, stable, and square board

#### Step 6 Radial Arm Saw

- A. Accurately measure and adjust saw to cut finished length
- B. Crosscut lumber to finished length
- C. Check all finished dimensions