

# “Enhancing Your Work”

By Gary R. Smith





## **Items for Discussion**

**Tools**

**90 Deg. Inlay**

**Diamond**

**Points**

**5 Point Star**

**4 Point star**

**Stave Pattern**

**3<sup>rd</sup> Generation Cutting**

**Curt Theobald's Eagle**

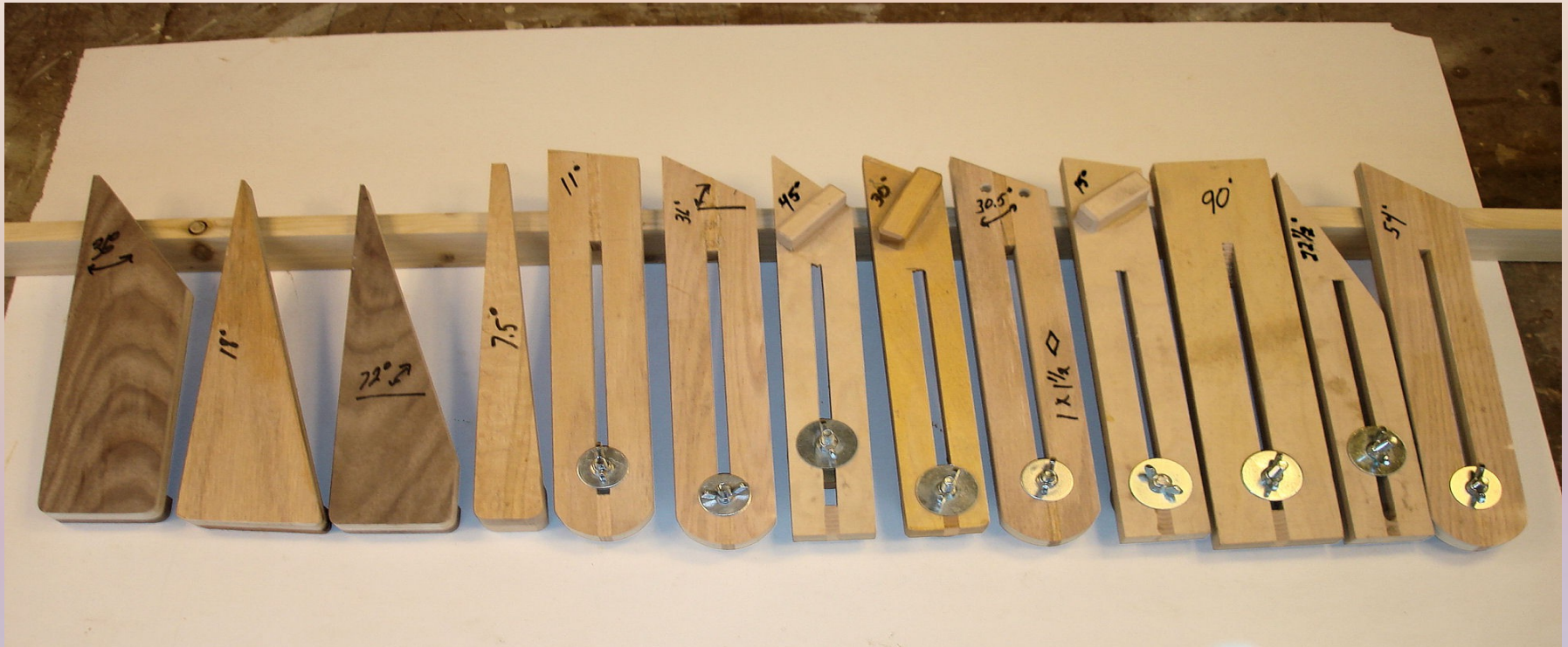
# Cutting Sled



# Disc Sander Sliding Table



# Angle Blocks



# Checking Angle



# 10 Deg. Planning and Sanding Sled



# 45 deg. Holding Block



## 90 Deg. Inlay



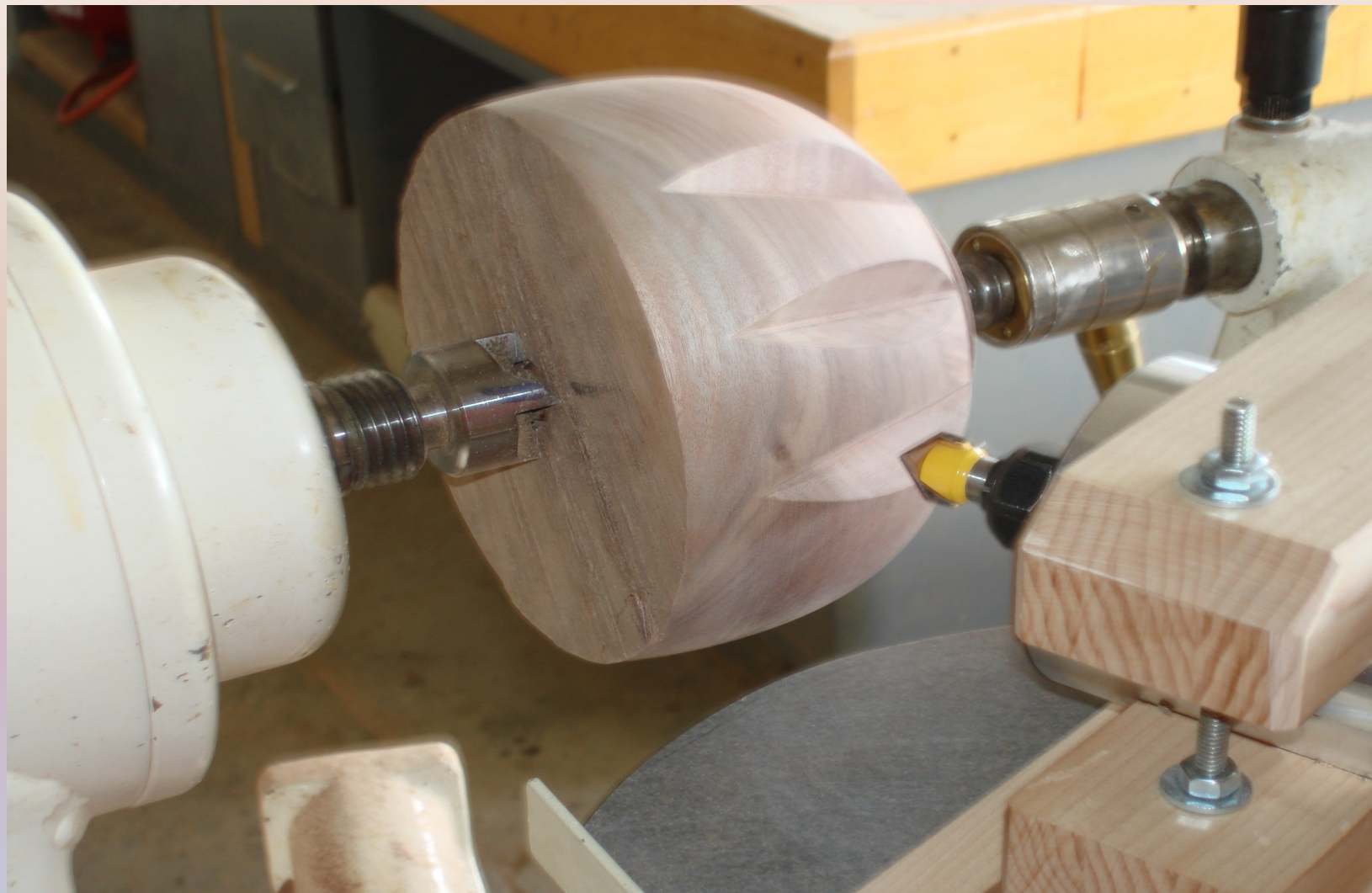
# Preparing Inlay



# Inlay Glue-up



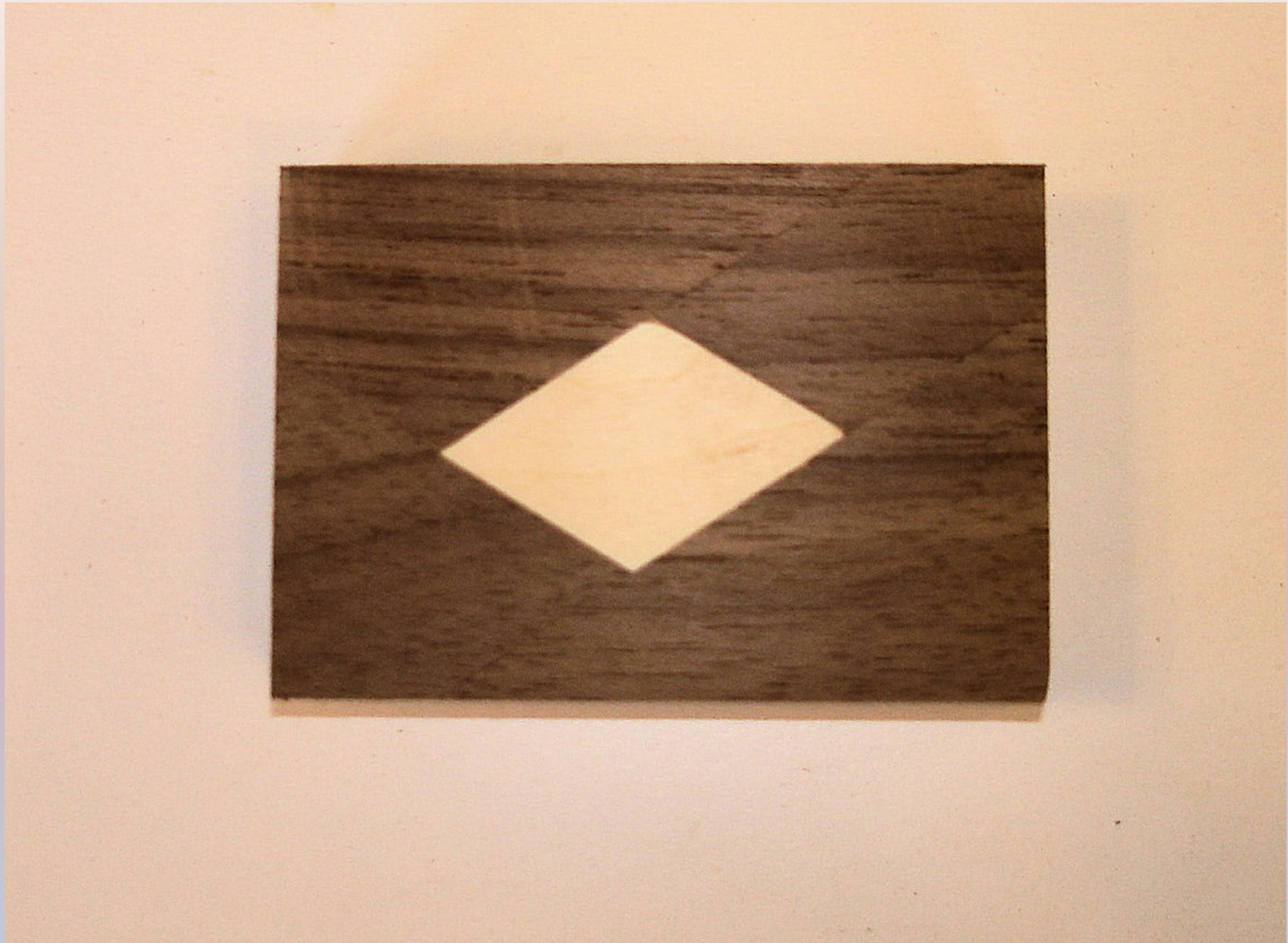
# 90 Deg. Router Bit



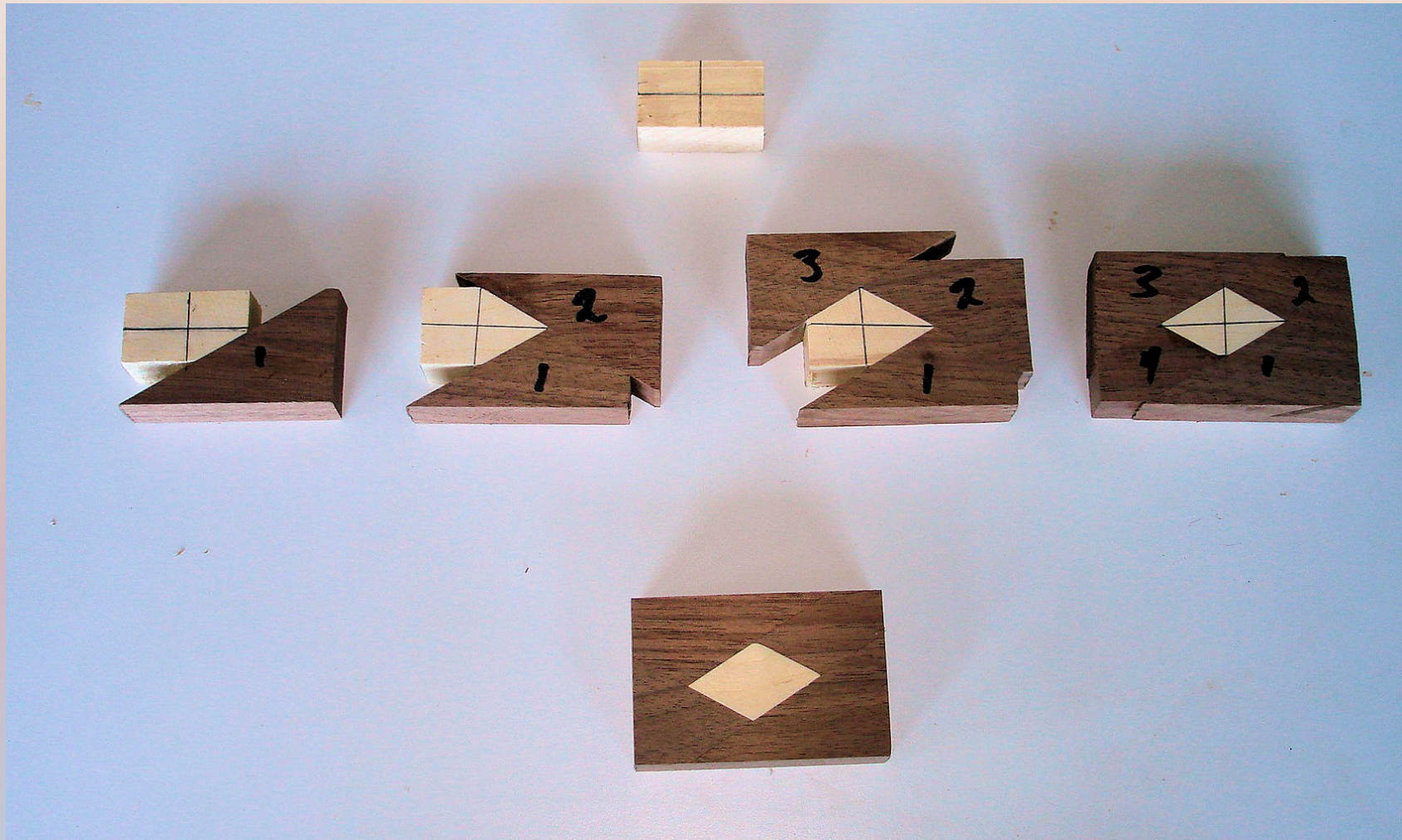
# Inlay and Turn



# Diamond



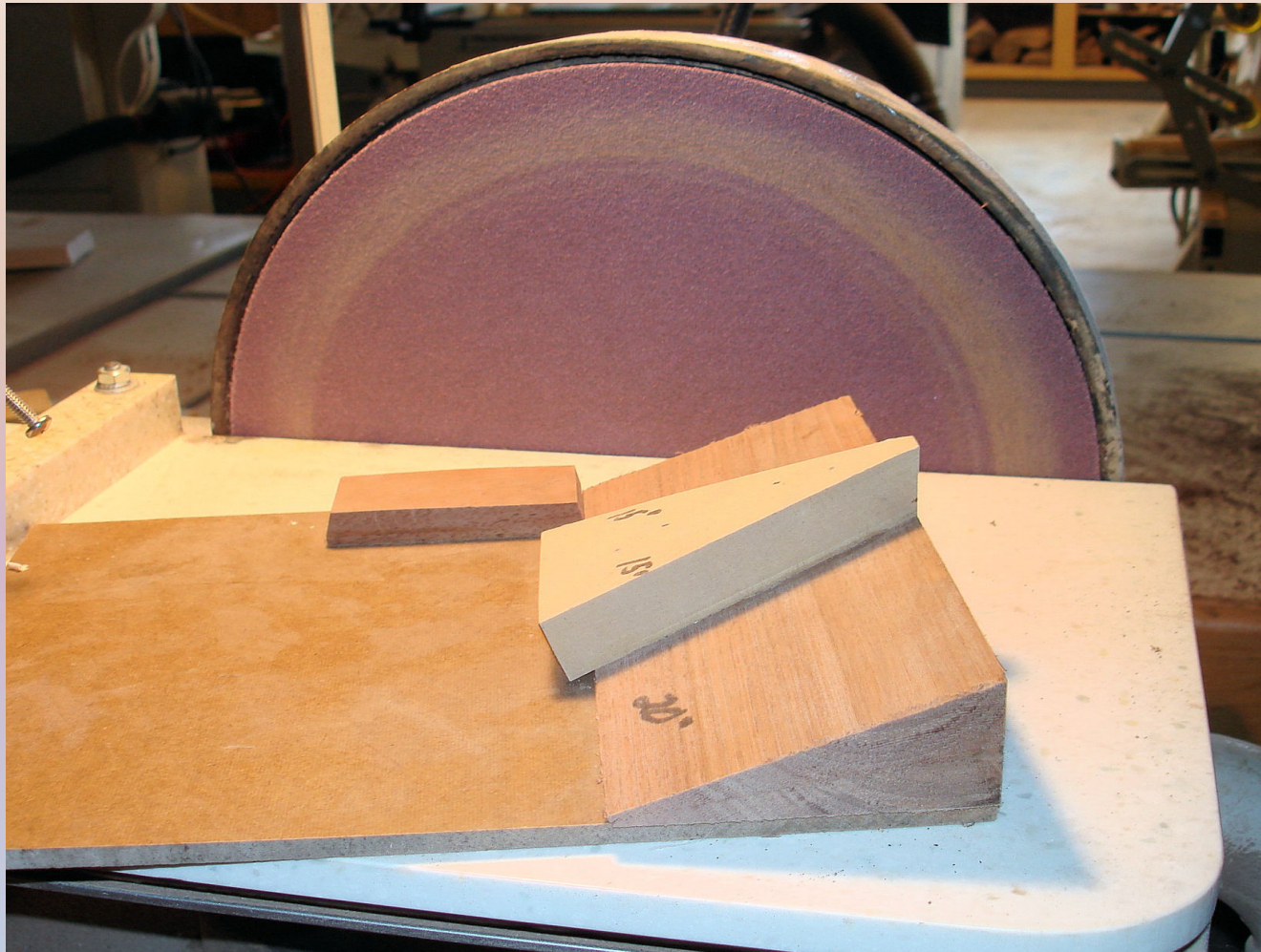
# 4 steps to Create a Diamond



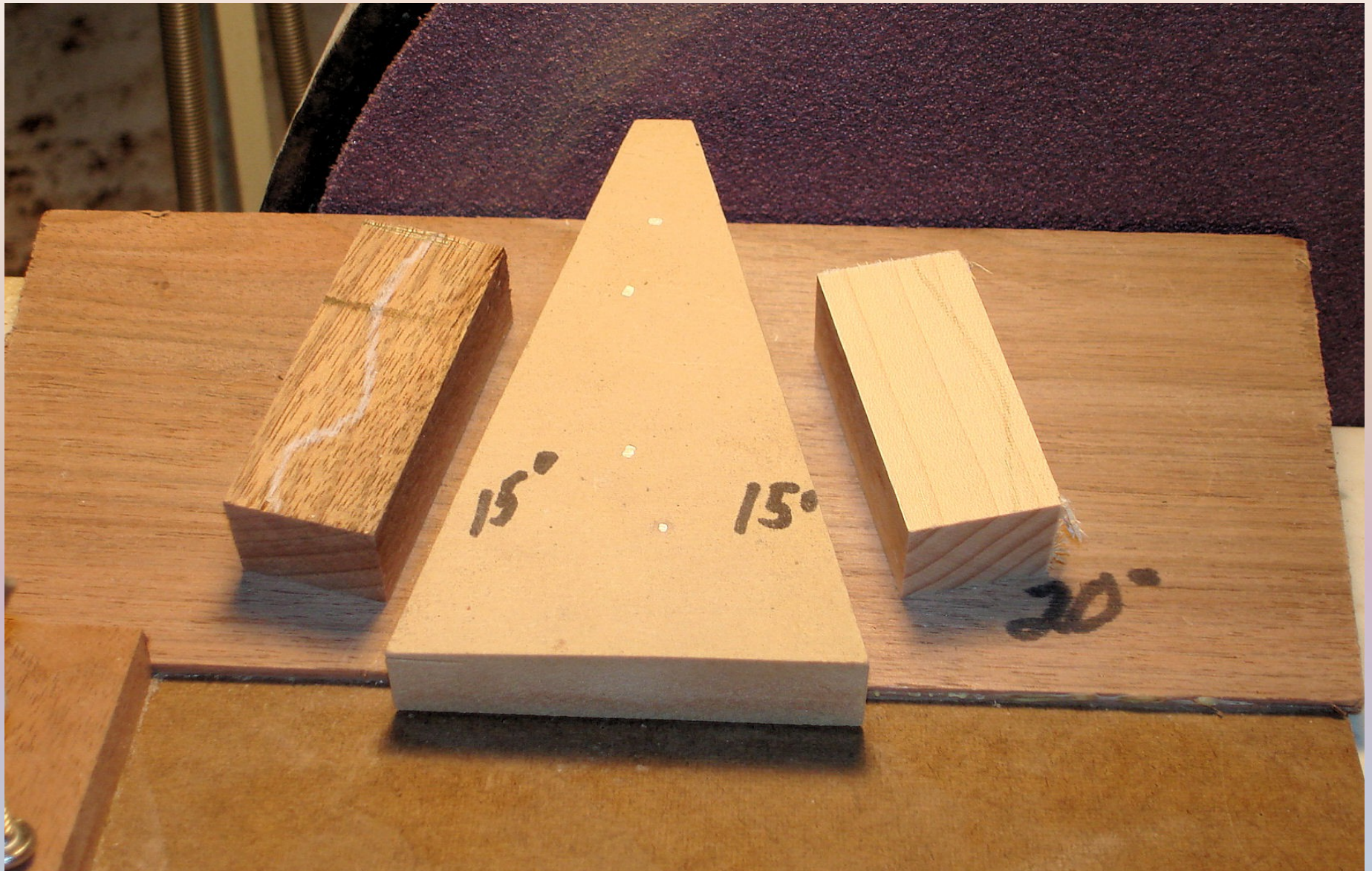
# Points



# Cutting Sled



## **Sand A Compound Angle on Right and left Block**



# Line up pieces



**Turn one piece of each set over**



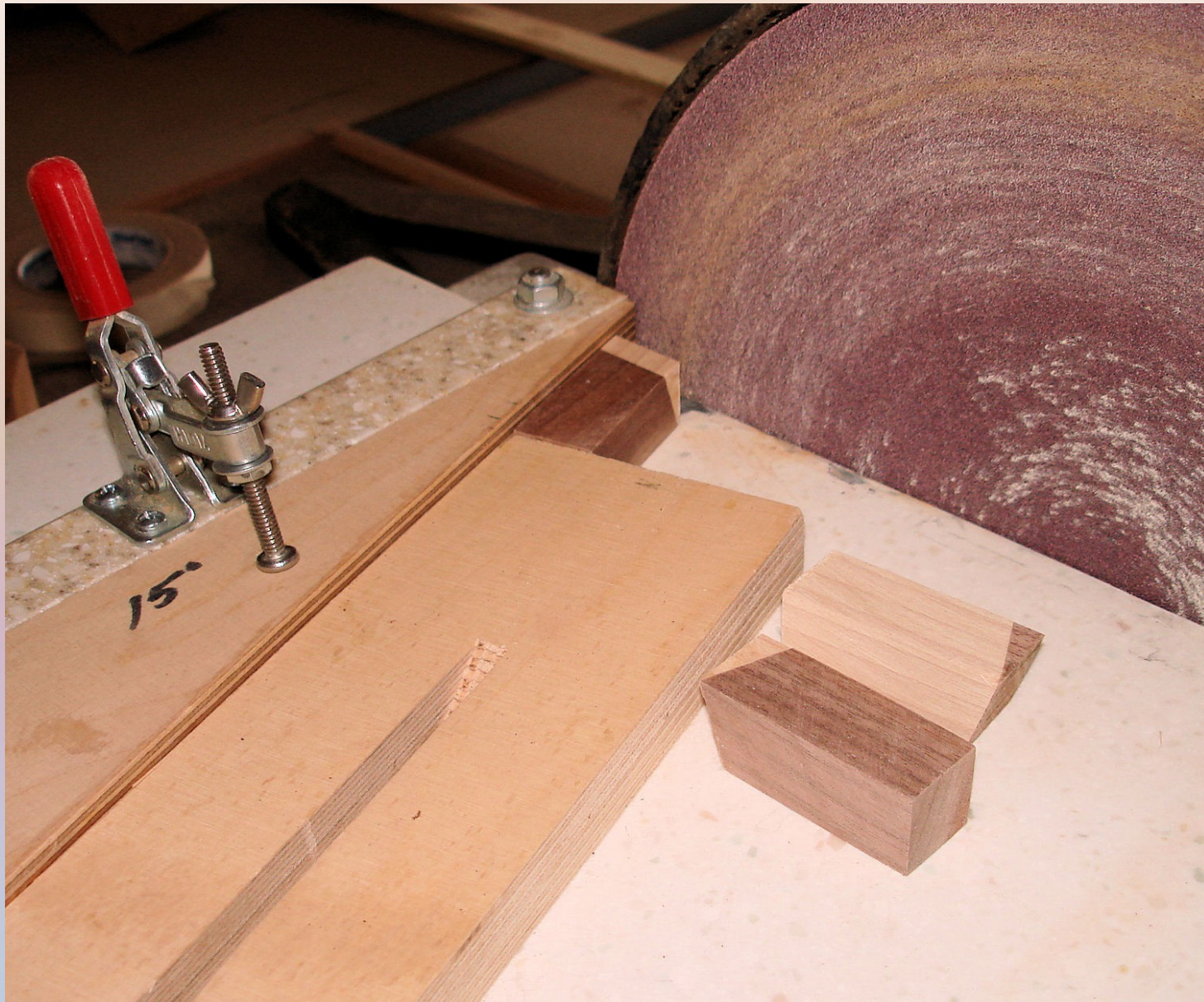
# Glue Together



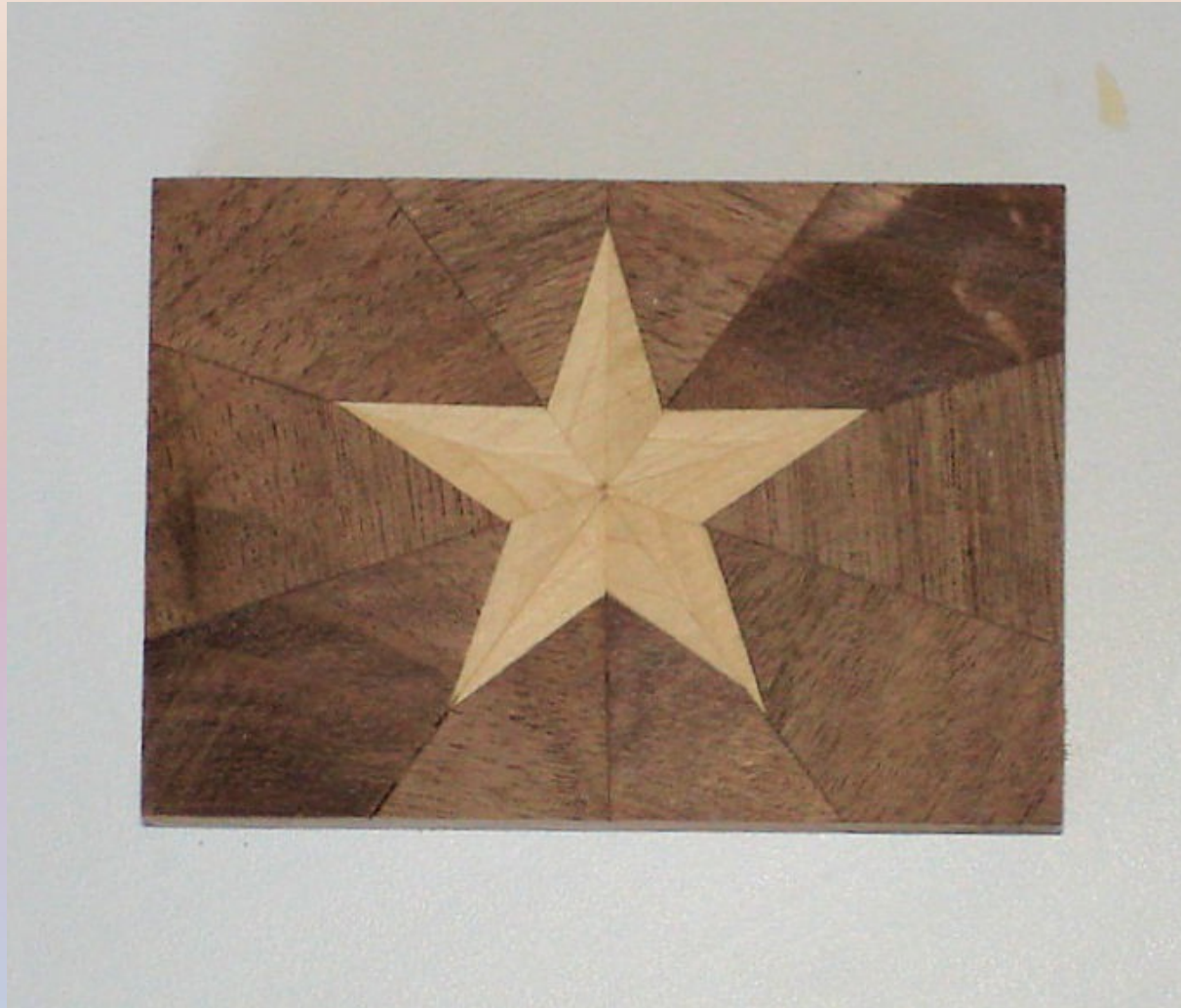
# Cur off wast wood



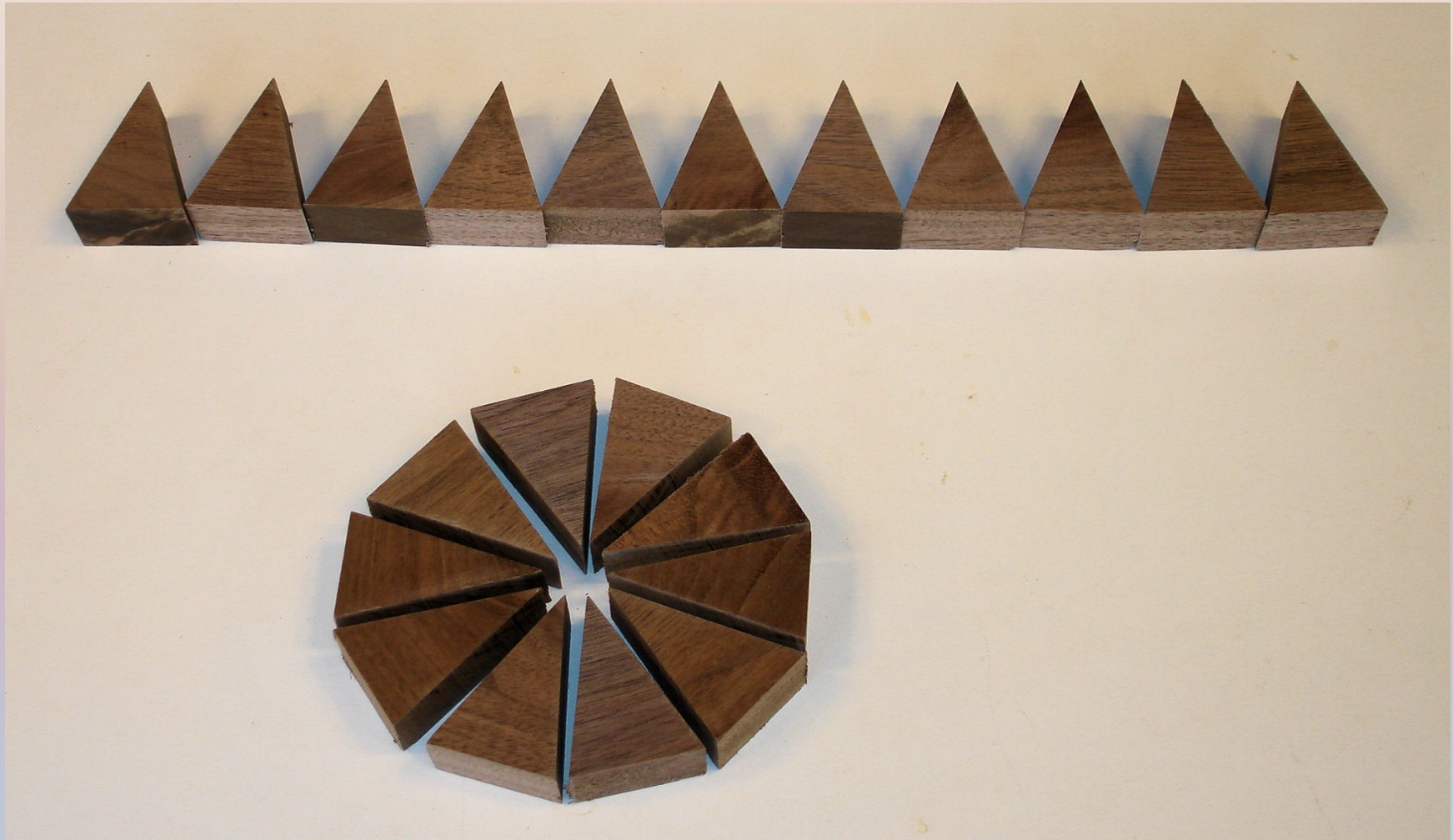
# Sand to correct angle



# 5 Point Star



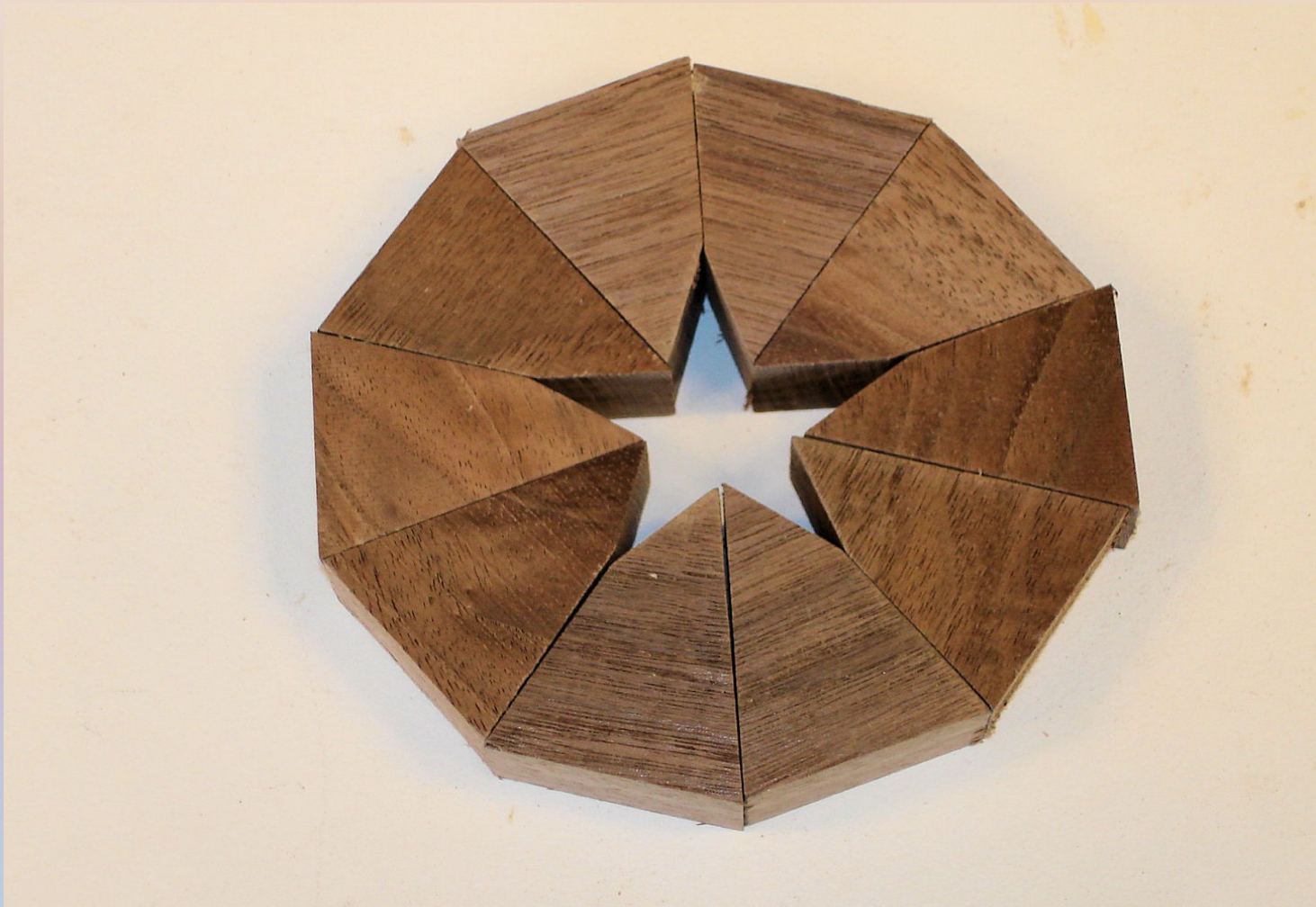
**Prepare 10 Segments at 36 Deg.**



**Sand all 10 Segment points to 36 Deg.**



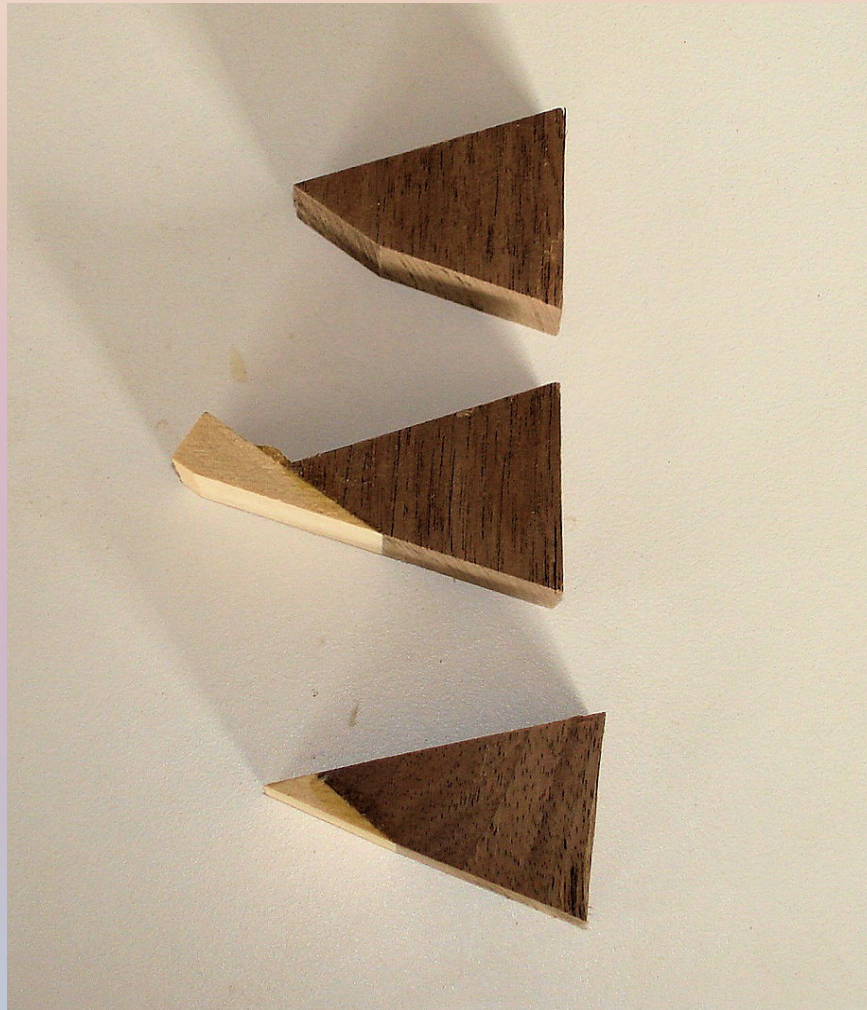
# Test Fit Segments



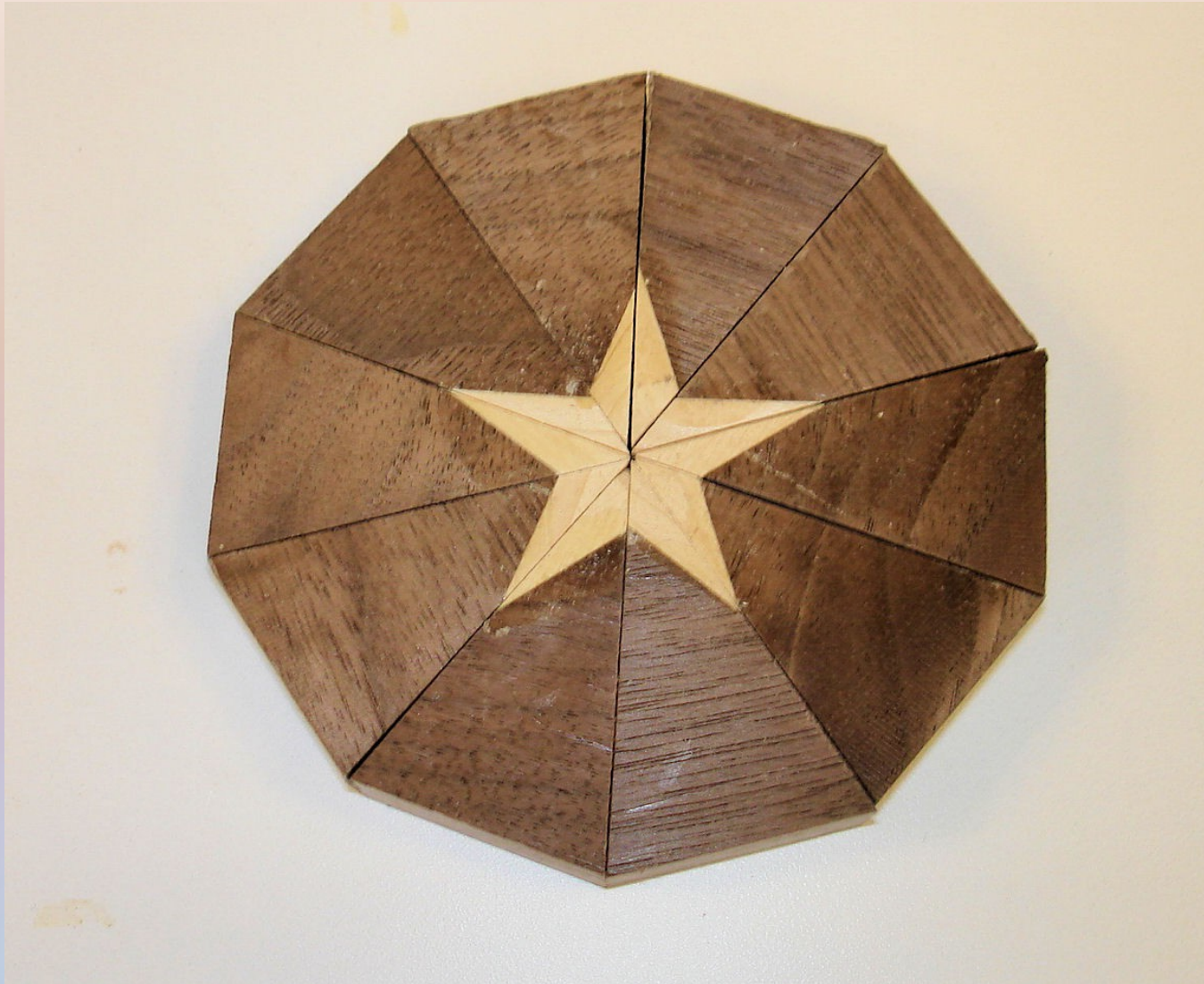
# Glue Star Blocks to segments



# **Sand Segments back to 36 Deg.**



# Glue Together With Band Clamp



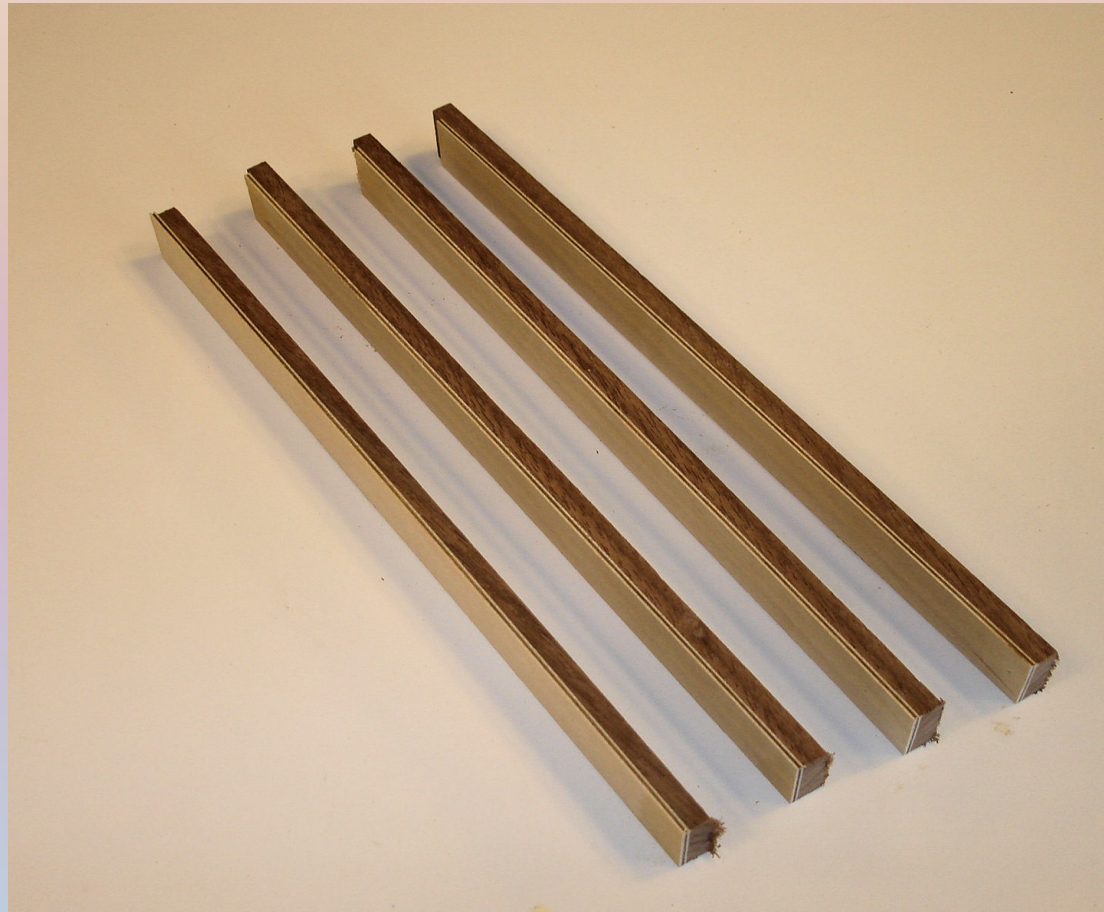
# 4 Point Star



**Cut Blocks at 15 Deg.  
It Takes 4 Blocks Per Star**



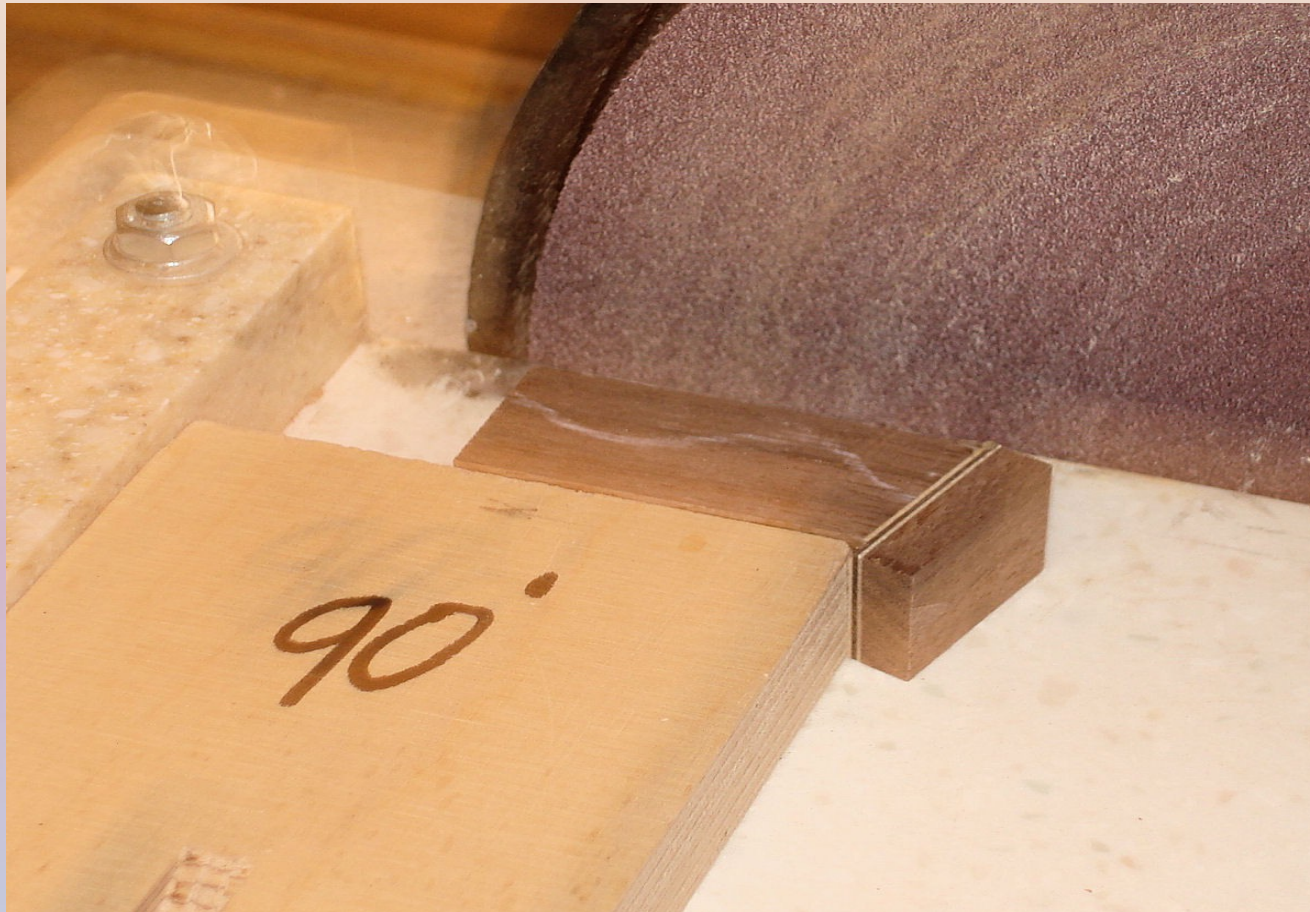
# Laminate Strips That Form Star



# Glue To Cut End Of Block



# **Sand Off Excess Keeping blocks Parallel**



# Turn Over And Sand



# **Sand 11 Deg. Angle On Side**



# After Segment Glue Up



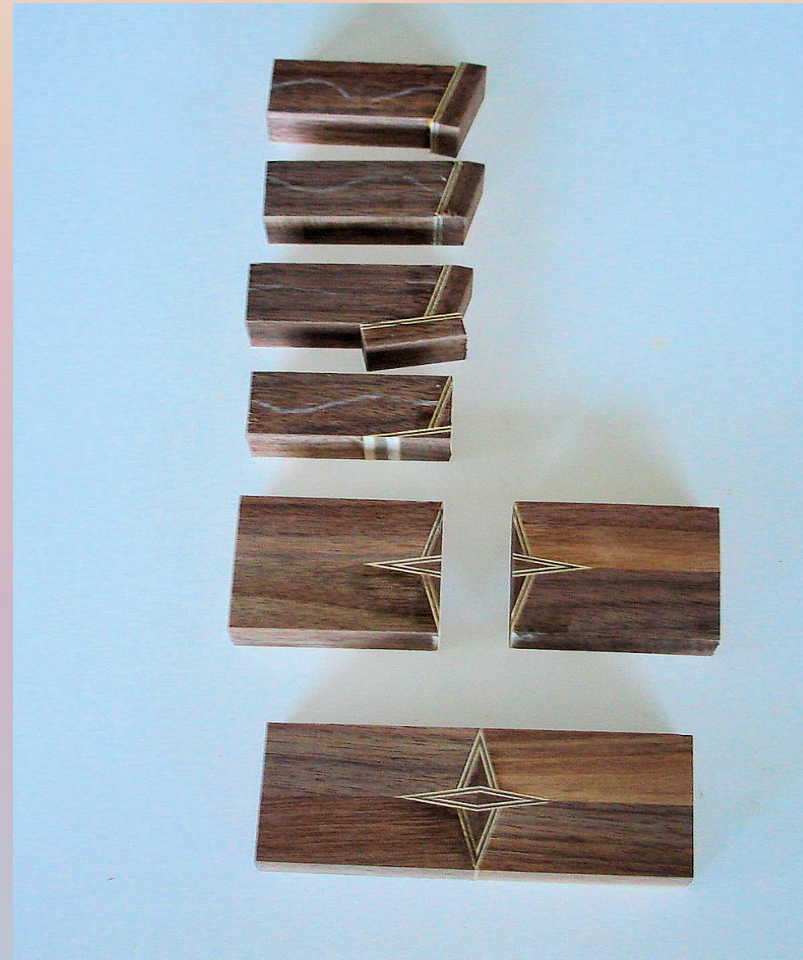
# Square Up Blocks



# Square Up Ends



# Match Segments And Glue



# Stave Pattern



# Prepare for Glue Up



**Glue Up 18 Right hand and 18 Left Hand**



**Cut at 10 Deg.**



# Plane and Sand in Sled



# Rough Cut Staves to Shape



**Match Staves to make 18 pairs**



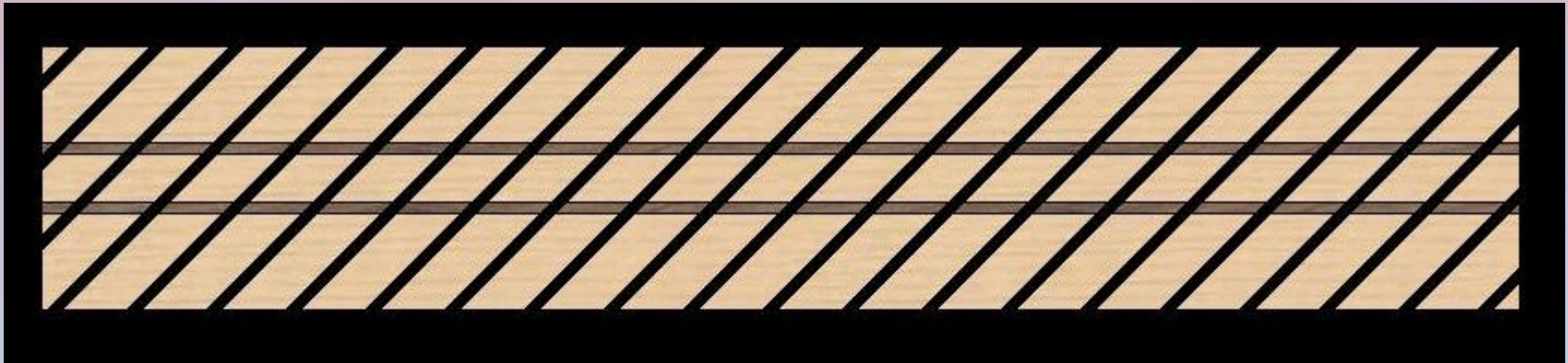
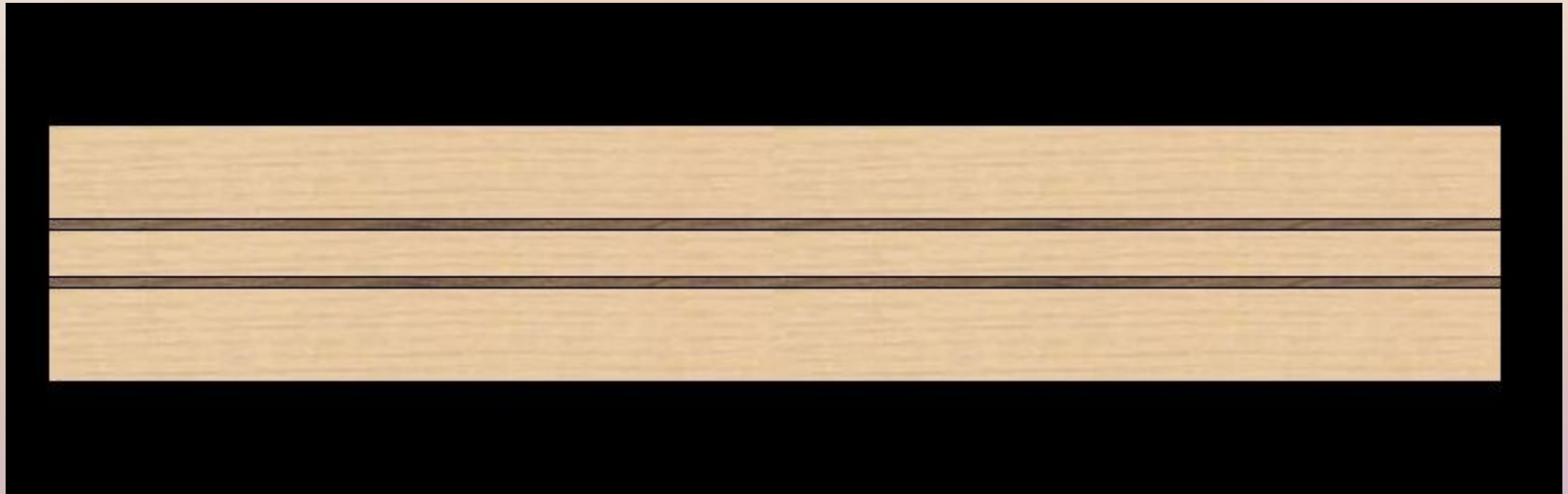
# **Glue Each Pair Together With Laminated Spacer**



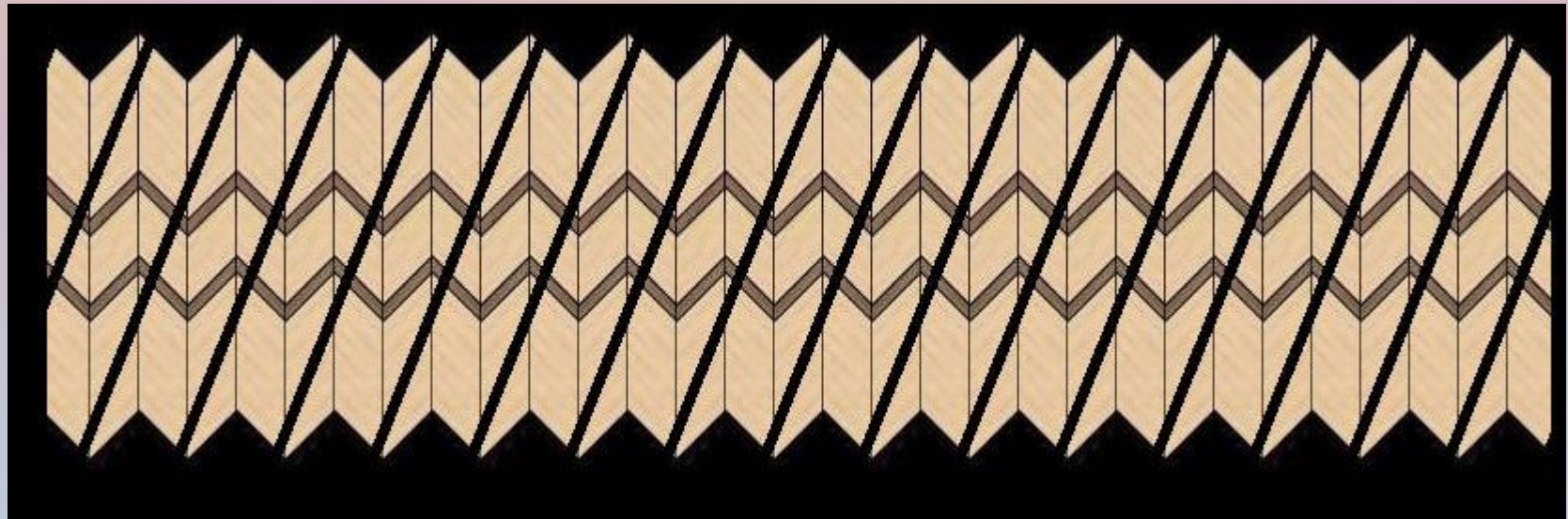
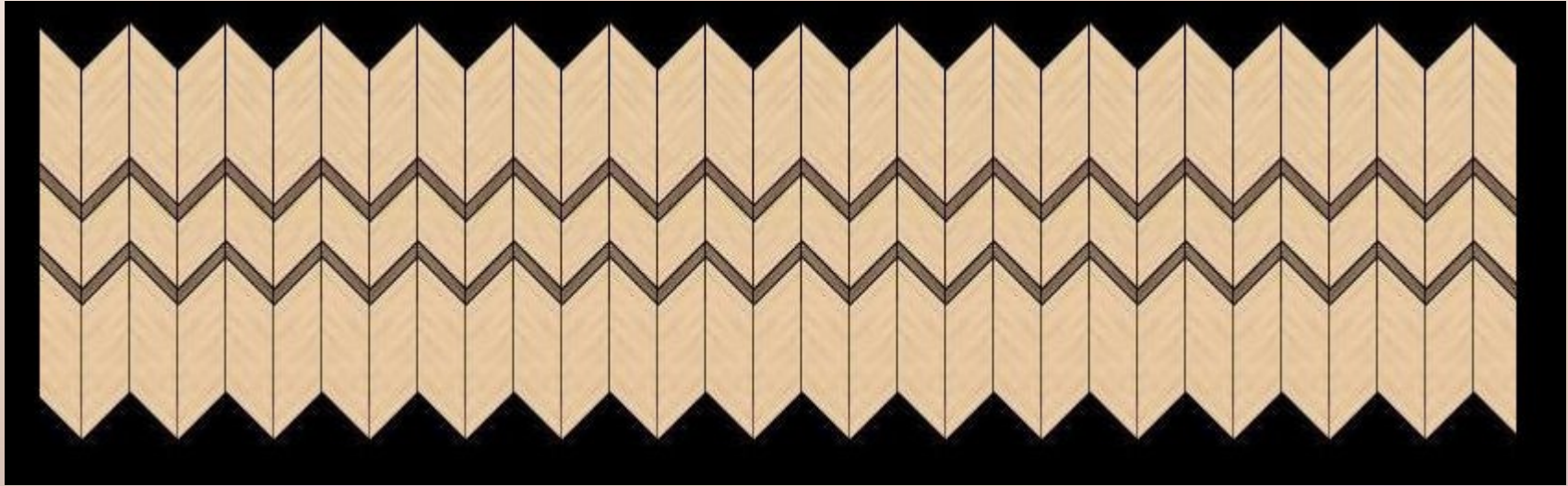
# 3<sup>rd</sup> Generation Cut



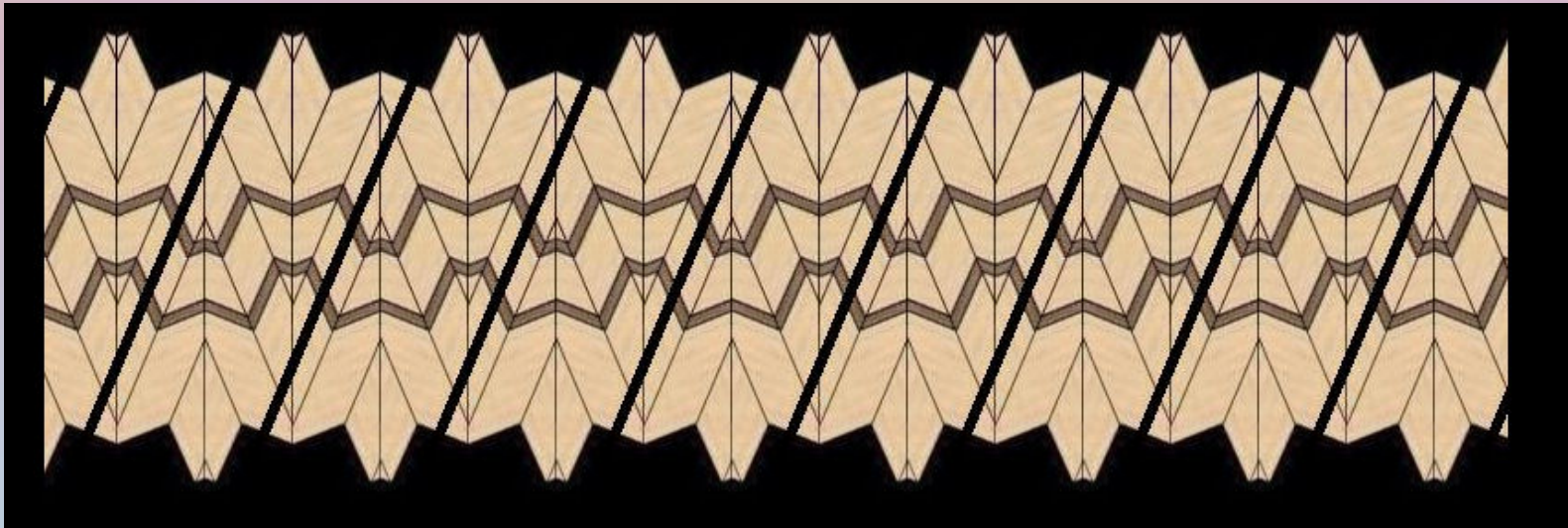
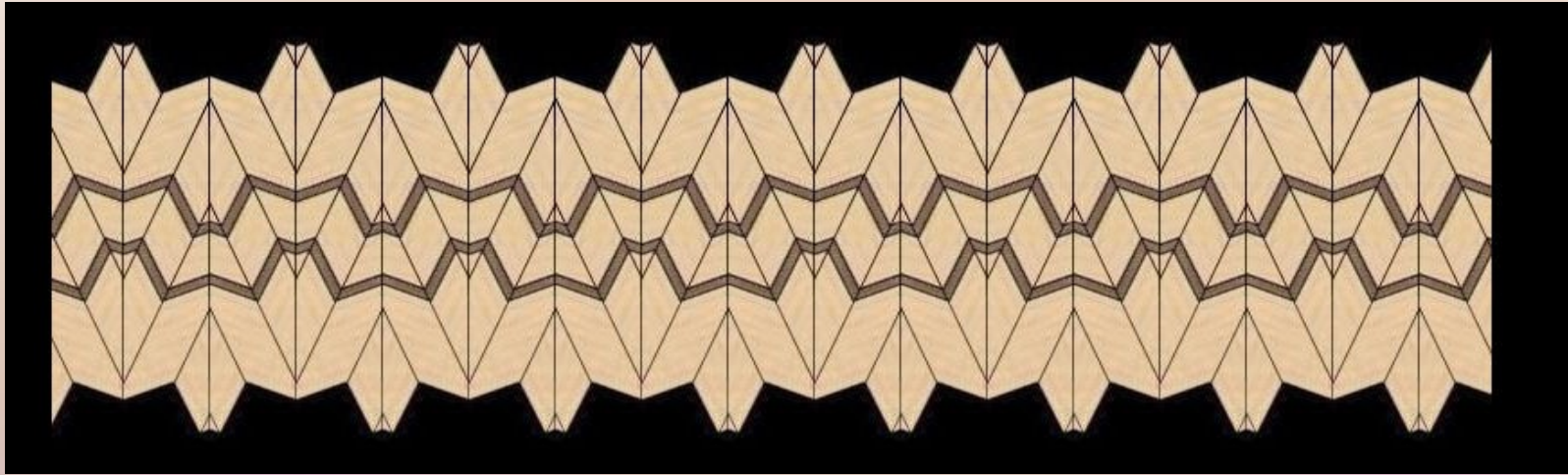
# 1<sup>st</sup> Generation Cut 45 Deg.

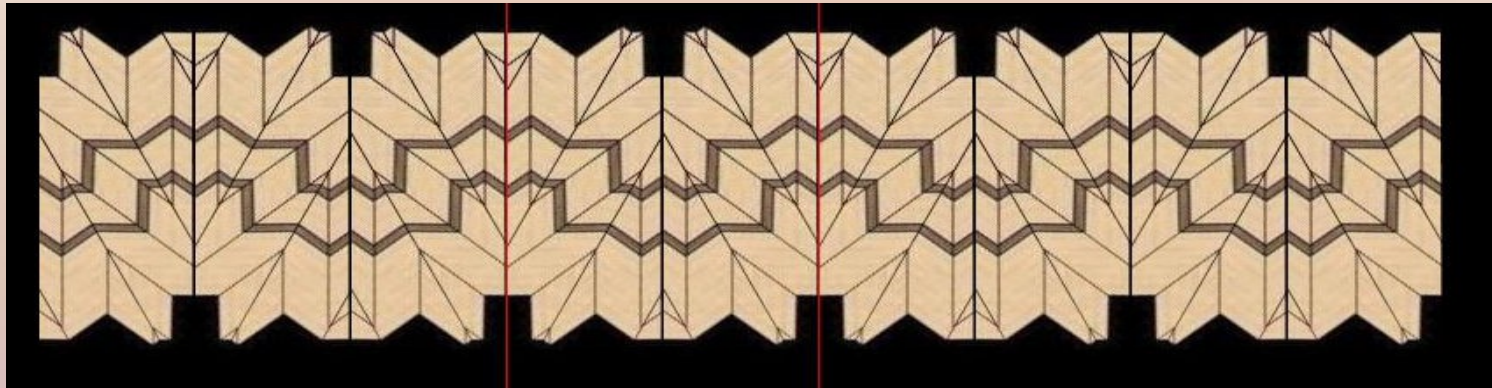


# 2<sup>nd</sup> Generation Cut 22 Deg.



# 3<sup>rd</sup> Generation Cut 22 Deg.





# Curt Theobald Eagle



*Thanks for Watching*