



**LESSON NOTES/REVISION**

**School: Ba Sangam College**  
**Subject: Basic Technology**

**Year/Level: 10**  
**Worksheet 26**

**Name: \_\_\_\_\_**  
**Year: \_\_\_\_\_**

Strand	Joints and Processes
Sub Strand	Woodworking joints
Content Learning Outcome	Know the types of angle joint

**ANGLE or Box Joints**

Used in box-like construction such as cabinets, boxes, drawers, etc.

**i. Simple Butt Joint**

Woods are butted face to edge and nailed or screwed or dowelled together which is also known as dowel joints.

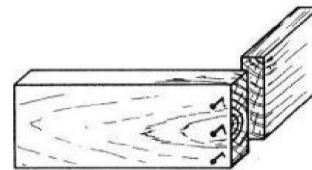


Fig. 1



**ii. Mitre Joints**

The two pieces are cut at 45° angle in a mitre box so that they will form a 90° when joined. This joint will hide the ends of the timber and it is usually used for picture frames.

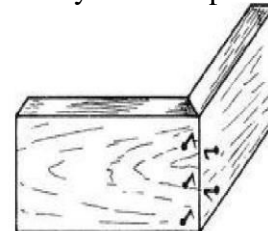


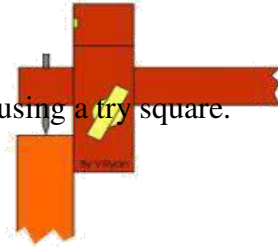
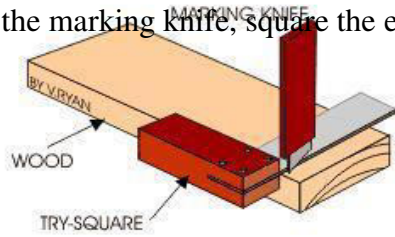
Fig. 2

**iii. Rebated Butt Joints**

**Marking of the joints**

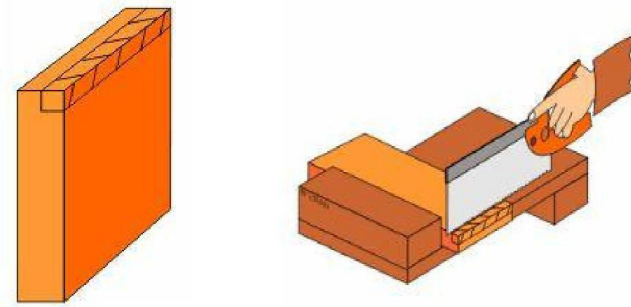
The marking gauge is being set to half thickness of the timber.

Using the marking knife, square the edge of the timber using a try square.



Using the tenon saw, cut out the wastes of both pieces of the rebates with the timber firmly onto the bench supported with a bench hook.

Clean the rebates with a bevel edged firmer chisel before joining the two pieces together.



**REVIEW QUESTIONS (10 marks)**

1. Where are angle or box joint used?

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(2 marks)

2. Name the three types of Angle joint?

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(3 marks)

3. What are Mitre joint usually used for?

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(2 marks)

4. Sketch the Butt Joint?

(3 marks)