**FORM ONE WOODWORK MARKING SCHEME**

1. **a) Name three types of attires used in the workshop**

* Apron
* Overall
* Helmet
* Boots
* Gloves
* Caps
* Goggles

3x1=3mks

**b) State three safety measures in the relation to sharp edged tool.**

* Should be carried close to the body with sharp edge pointing downwards
* When handing over, the receiver should pick it from the handle side
* Should not be stored in metallic boxes as they would easily get blunt
* Should be used to operate away from your body
* Should be sharpened when blunt

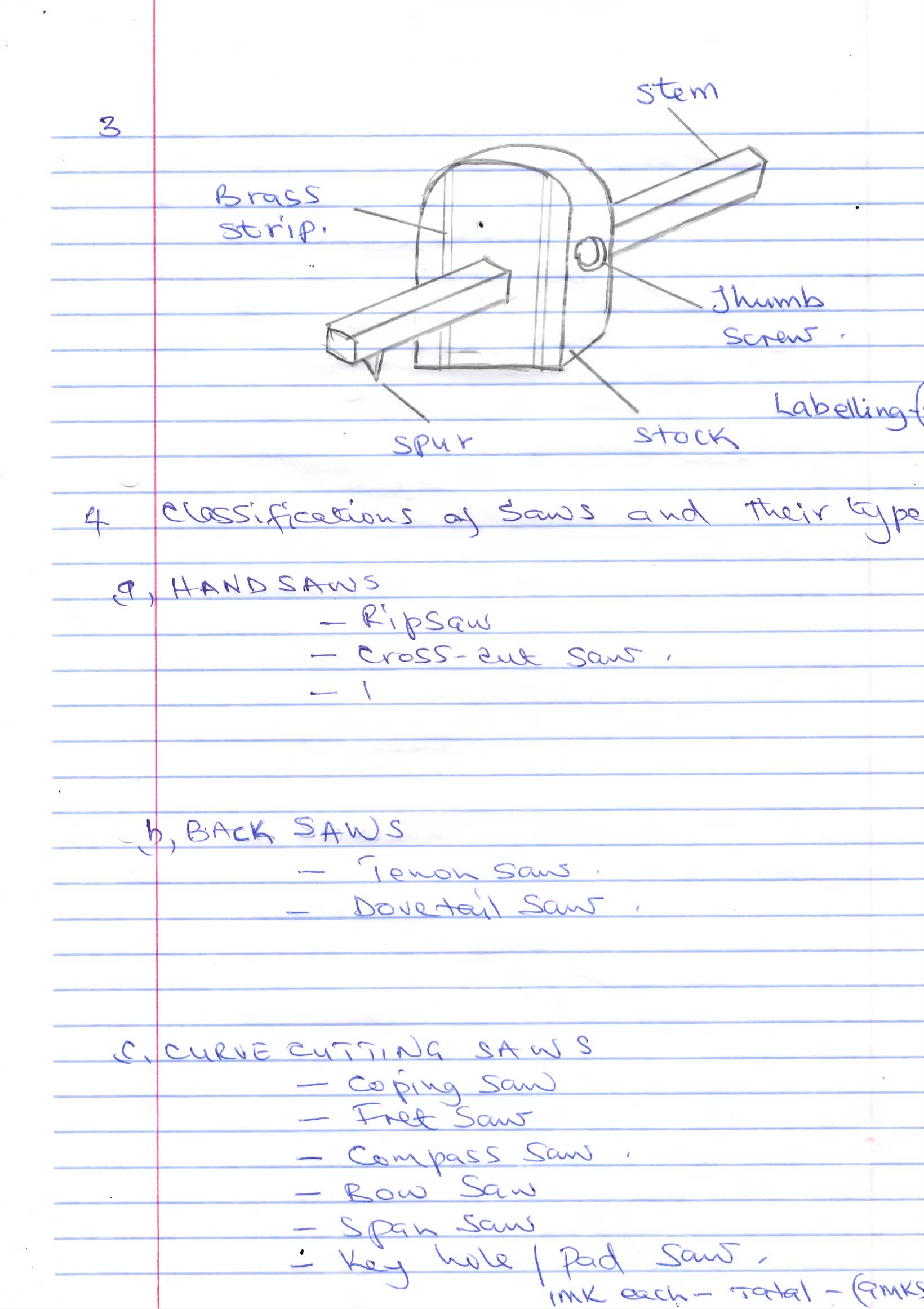
3x1=3mks

1. **Name five measuring tools**

* Bar rule
* Folding rule
* Calibrated try square
* Calipers
* Tape measures
* Slidding beve
* Collapsible rule
* Zig-zag rule
* Metre rule

3x1=3mks

1. **Draw a well labeled sketch of a marking gauge (labeling=5MKS)**

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**Labeling =5mks**

1. **Name the three classifications of saws and give two types of saws under each class.**

a) HANDSAWS

* Ripsaw
* Cross-cut saw

b) BACK SAWS

* Tenon saw
* Dovetail saw

c) CURVE CUTTING SAWS

* Coping saw
* Fret saw
* Compass saw
* Bow saw
* Span saw
* Key hole/ pad saw

Naming 3x2=3mks

Types 2x3=6mks

total=9mks

1. **Name the three bench planes**

* Smoothing plane
* Jack plane
* Try plane

3x1=3mk

1. **(a)Name of the tool**

* Jack plane 1mk

**b) Name the labeled parts of the tool in (6a) above.**

1. Lever cap
2. Cap iron
3. Blade
4. Lateral adjustment lever
5. Handle
6. Frog

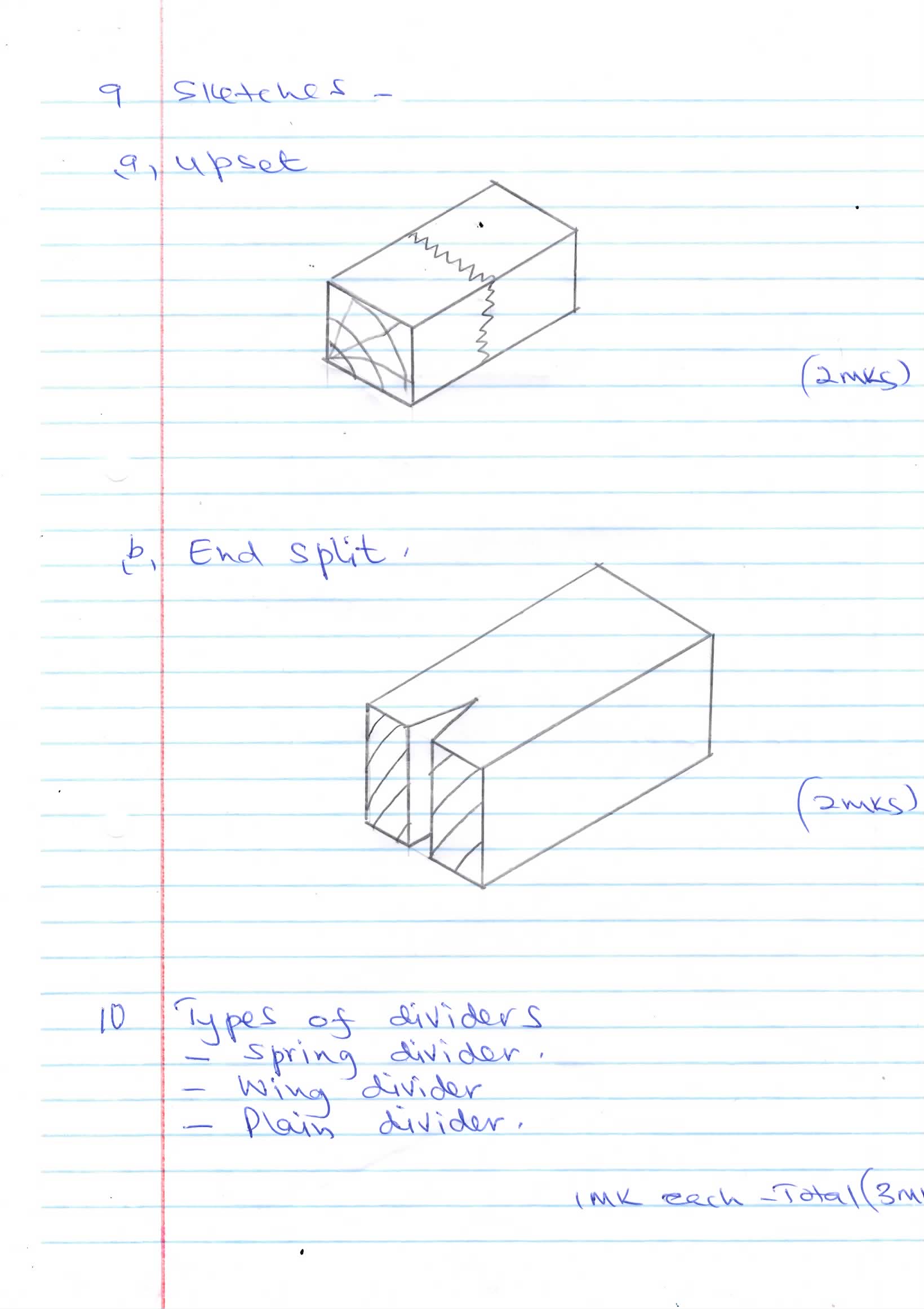
6x1=6mks

1. **Name the three plane adjustments**

* Cap iron adjustment
* Depth of cut adjustment
* Lateral blade adjustment
* Frog adjustment

3x1=3mks

1. **Label the parts shown on the drawing below**
2. Countersunk hole
3. Clearance hole
4. Pilot hole
5. Work pieces (wood)
6. **Show sketches of the following timber defects**



1. Name the three types of dividers

* Spring divider
* Wing divider
* Plain divider

3x1=3mks

1. a) What is clogging? 1mk)

* clogging is the accumulation of wood shavings at the mouth of the plane blocking it

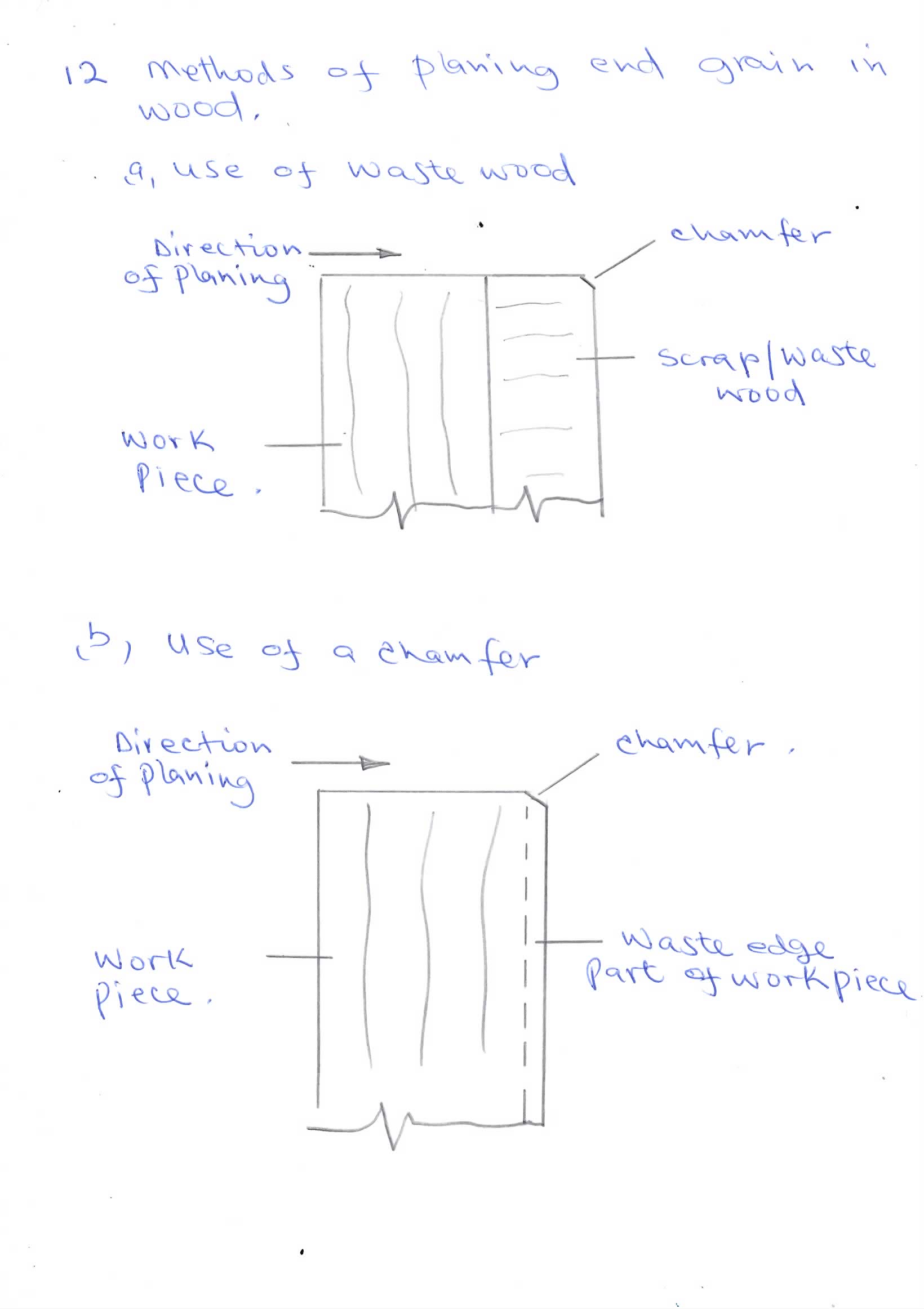
**1mk**

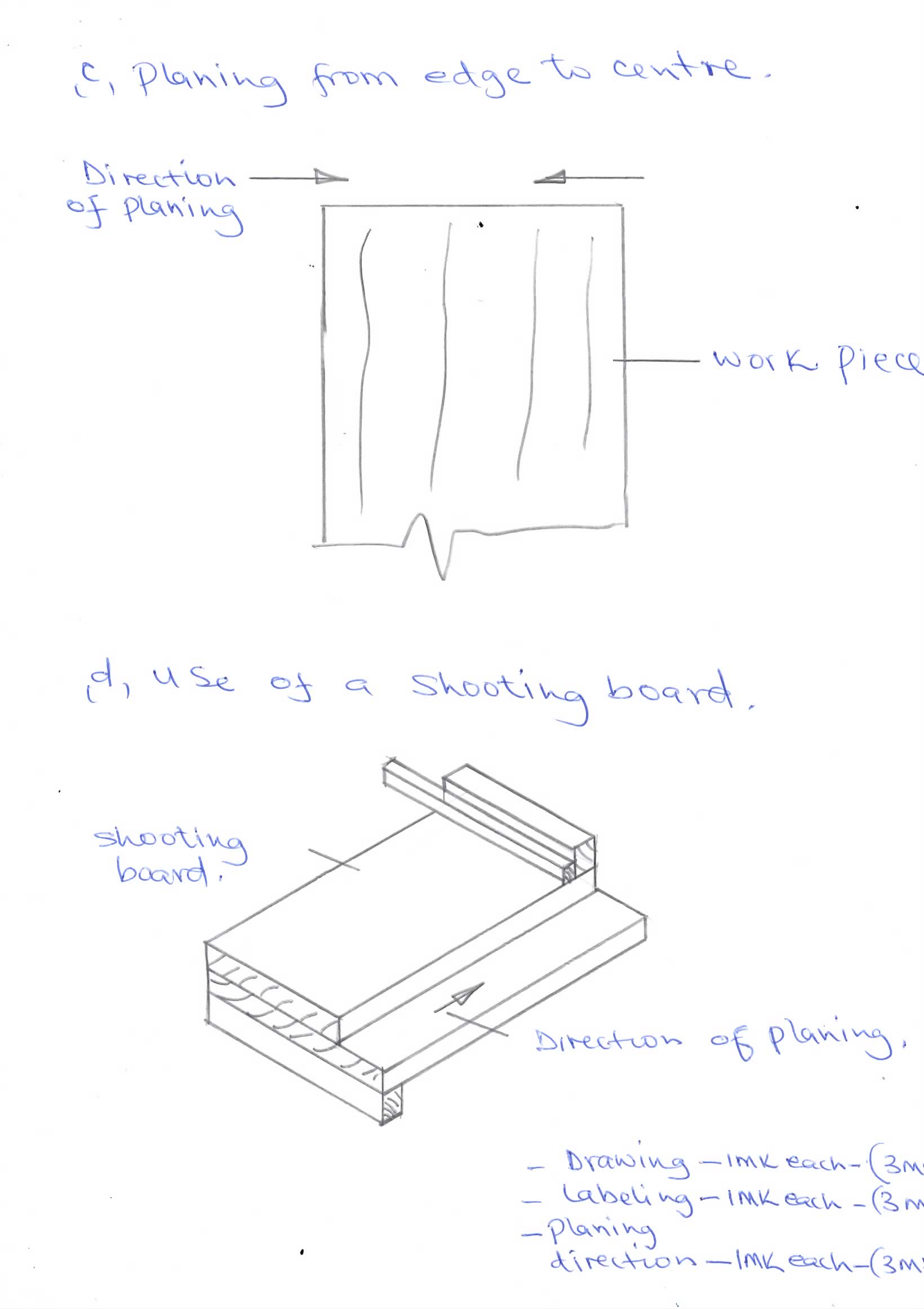
b) **State three causes of clogging**

* small plane mouth opening
* loose fixing of the blade to cap iron
* planing wood against the grain
* blunt plane blade

3x1=3mks

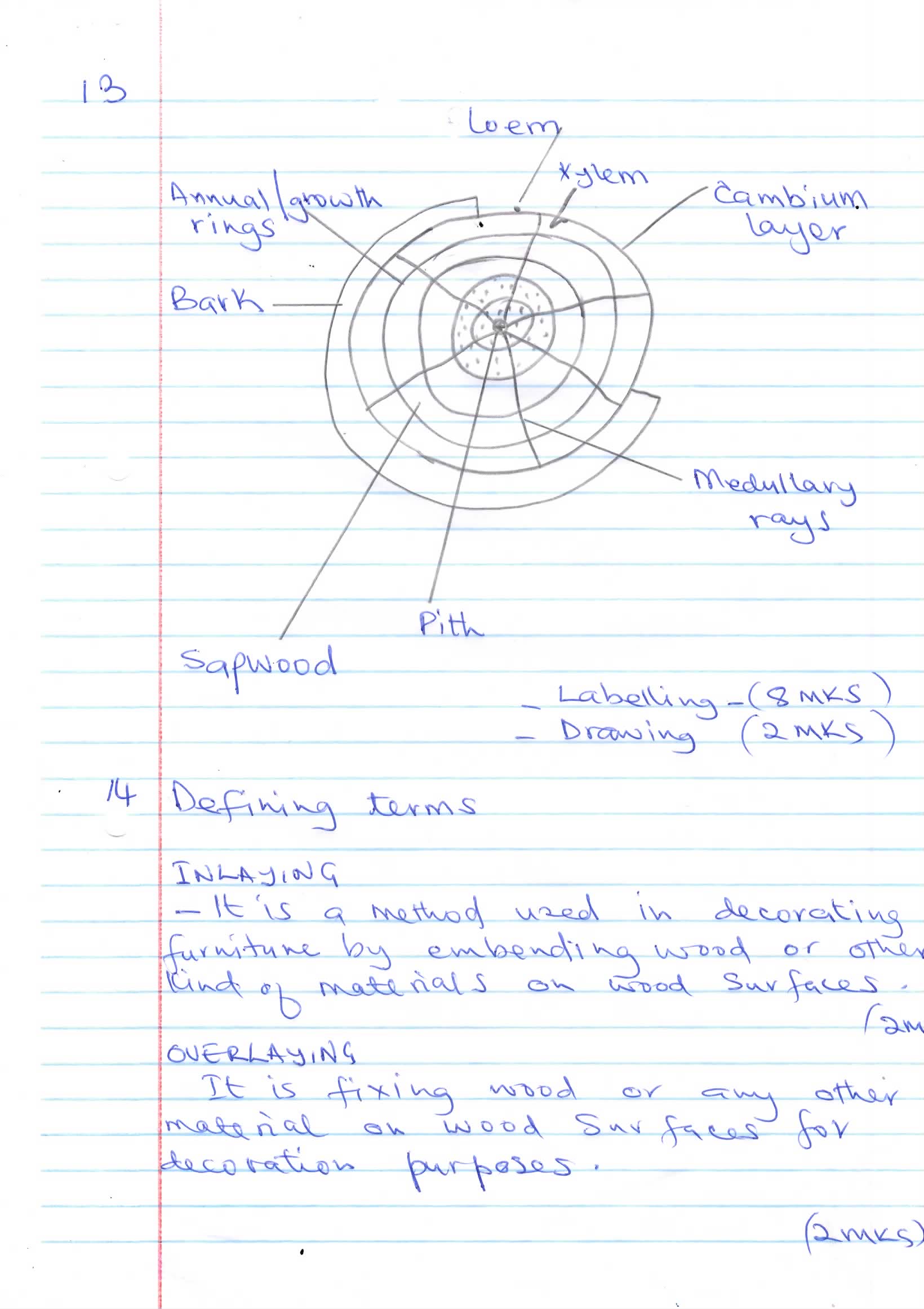
1. Name three methods of planing end grain in wood and show a sketch in each case





Total =9mks

1. Draw a well labeled cross-section of a log



Phloem

1. Define the following shaping terms

a) INLAYING (2mks)

* It is the method used in decorating furniture by embedding wood or other kind of materials on wood surfaces. **(2mks)**

b) OVERLAYING

* It is fixing wood or any other material on wood surfaces for decoration purposes. **(2mks)**

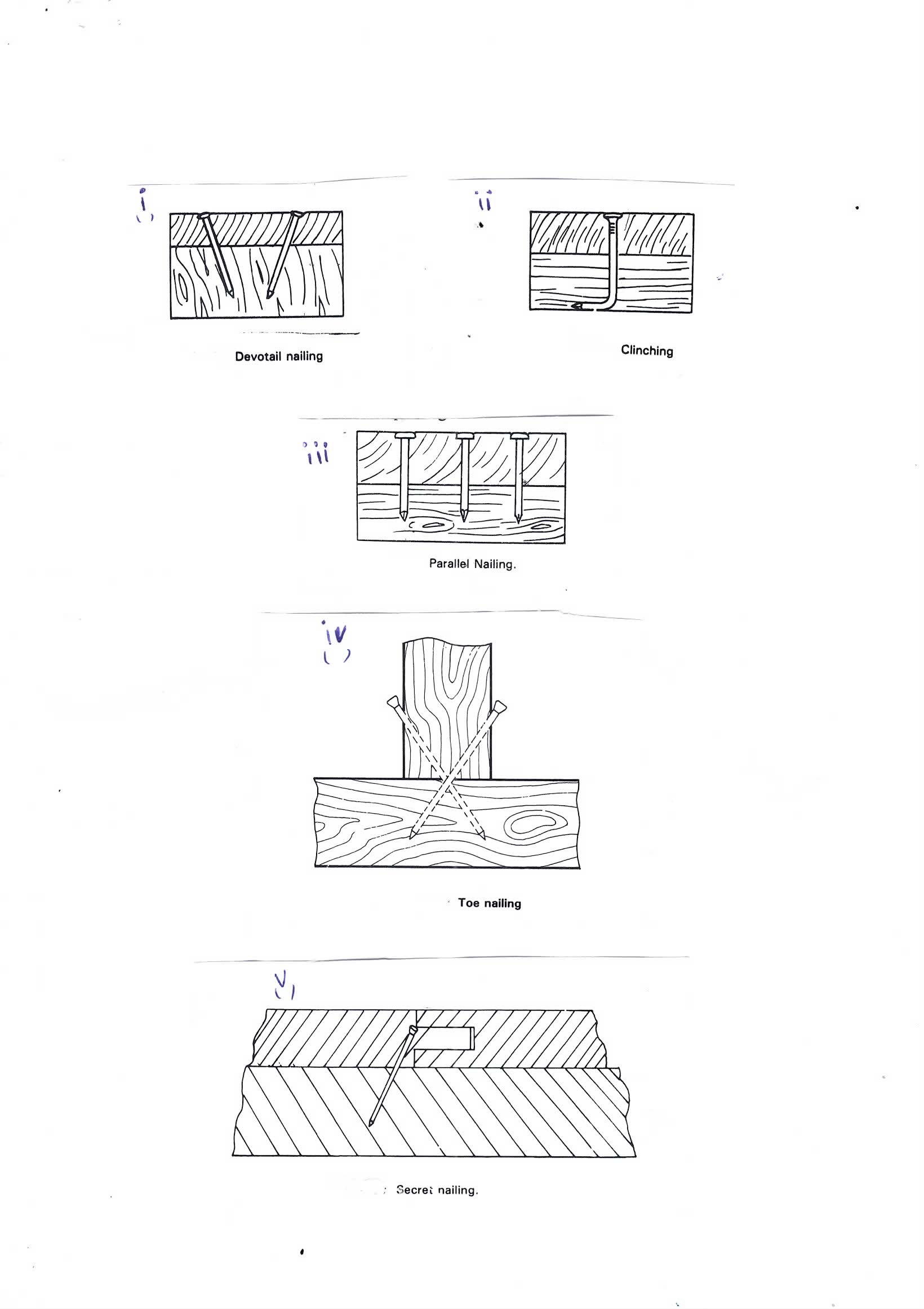
c) CURVING

it is a method of shaping by cutting and removing material on wood along a line that is not straight. **(2mks)**

d) ROUNDING

* It is a method of shaping edges and ends of wood to given radius. **(2mks)**

1. Name and show sketches of three methods of nailing



1. State three important things mentioned when ordering nails

* Size
* Type
* Quantity
* Quality

3x1=3mks

1. State four advantages of screws over

* Screws have grater holding power
* Screws have a neat appearance
* Screws can be removed easily
* When correctly fitted, there is no danger of splitting timber

3x1=3mks

1. Show the following types of lines used in drawing work

a

b

c

d

4x1= mks