

BUILDING AND FURNITURE TECHNOLOGY

FORM: 3

Section A: Hand Tools: Place each tool under the correct heading.

16mks

Block plane	Mitre box	Tenon saw	Warrington hammer	Spoke shaves
Gouges	Rule	Firmer chisel	Mallet	Center bits
Bow saw	Try square	Auger bits	Nail punch	Phillips screwdriver
			Bench hook	

Holding and supporting tools

1. _____
2. _____

Shaving tools

1. _____
2. _____

Geometrical tools

1. _____
2. _____

Percussion tools

1. _____
2. _____

Paring tools

1. _____
2. _____

Boring tools

1. _____
2. _____

Impelling tools

1. _____
2. _____

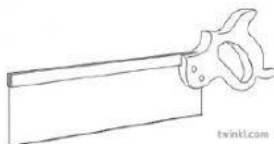
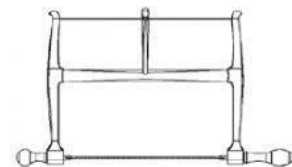
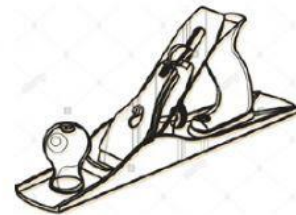
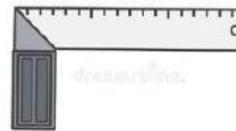
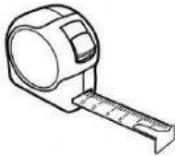
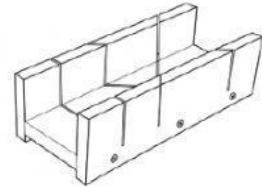
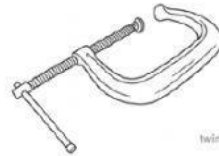
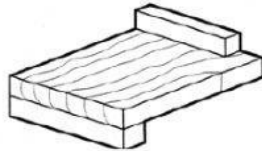
Abrading tools

1. _____
2. _____

Section B: Label the diagrams below.

20mks

Mitre box	spokeshaves	warrington hammer	coping saw	nail punch	sliding bevel
Work bench	Bow saw	bench hook	try square	phillips screwdriver	keyhole saw
Wing compass	trying plane	rule	G cramp	tenon saw	block plane
Marking gauge	Jack plane				



Section C:

10mks

Match the letter in column A to the letters in column B to create words used in woodworking.

COLUMN A

1. PERC
2. COMB
3. SUPP
4. MI
5. HOL
6. GAU
7. HAM
8. MAL
9. MOR
10. GEOME

COLUMN B

- ORTING
- TRE
- USSION
- INATION
- MER
- TISE
- DING
- TRICAL
- GE
- LET

Section D: General Questions

1. What are joints?

1mk

2. Name one example of the folloing types of joints:

3mks

A. Simple joint: _____

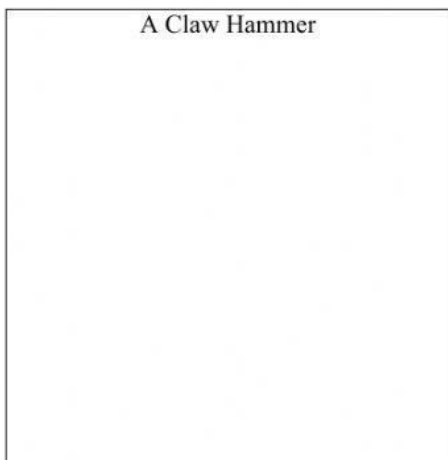
B. Housing joints: _____

C. Halves joints: _____

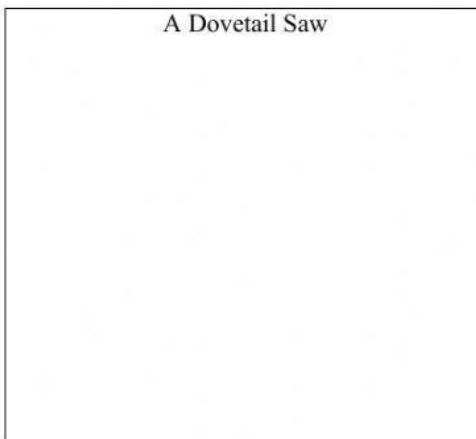
3. Draw the following tools:

12mks

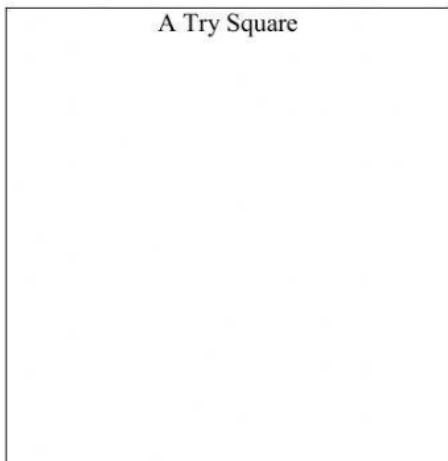
A Claw Hammer



A Dovetail Saw



A Try Square



4. Name the tool that is shown in the diagram below.

1mk



5. What is it used for?

2mks

6. Describe how it is used.

5mks

7. Draw sketched diagrams to show a BUTT and NAILED JOINT.

5mks

A large empty rectangular box provided for the student to draw sketched diagrams of a BUTT joint and a NAILED joint.