

# 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	Phillips screwdriver
Bow saw	Try square	Auger bits	Nail punch	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. \_\_\_\_\_

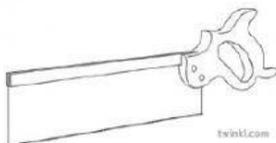
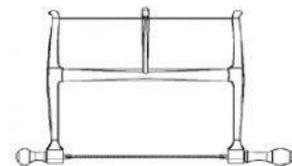
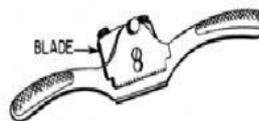
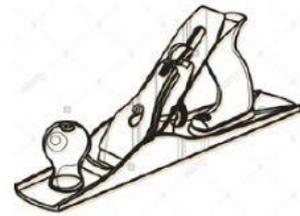
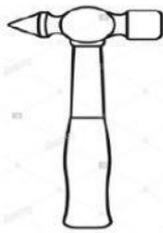
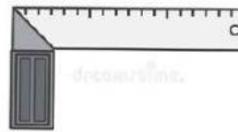
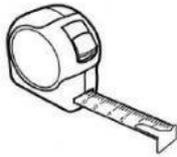
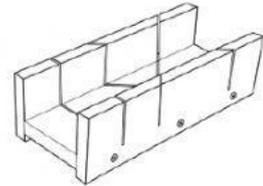
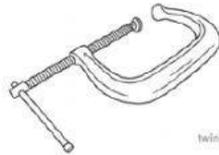
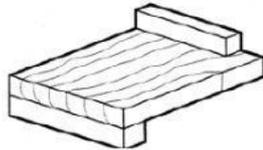
Abrading tools

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 clamp	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

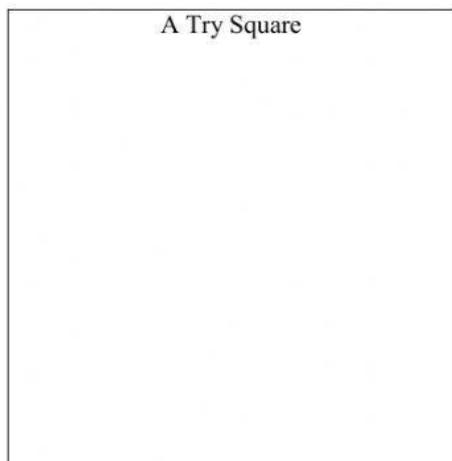
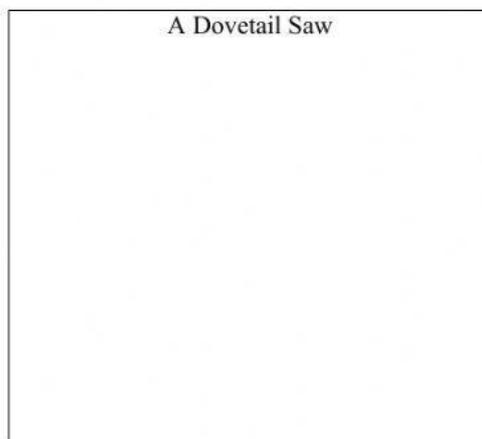
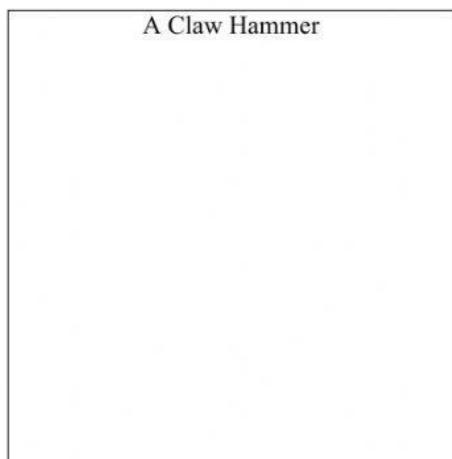
2. Name one example of the following types of joints: 3mks

A. Simple joint: \_\_\_\_\_

B. Housing joints: \_\_\_\_\_

C. Halves joints: \_\_\_\_\_

3. Draw the following tools: 12mks



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

1mk



5. What is it used for?

2mks

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6. Describe how it is used.

5mks

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

5mks

A large empty rectangular box provided for drawing sketched diagrams of a BUTT and NAILED JOINT.