

Learner Self-reflection 4 - 12927 (v5) Demonstrate knowledge of, select, maintain, and use hand tools for BCATS projects

Student name:

1. What may happen to the work if glue comes in contact with steel cramps?

2. What will happen if you use cramps that are set up out of alignment?

3. Describe 2 methods for testing that a frame in the cramps is square.

Method 1:	
Method 2.	

4. Identify the most suitable tool for the tasks described below.

Tool	Task
a _____	Testing if a beam is horizontal
b _____	For removing a small nail from a piece of timber
c _____	Marking out an angle of 65 degrees

d _____	Measuring between two objects spaced 5 metres apart
e _____	To assist with the correct lining up of fence posts
f _____	To test that the cut end of a board is square to the face
g _____	Checking out for a hinge
h _____	To mark a line across the face of a wide board prior to cutting

5. List the steps required to check the accuracy of a spirit level.

6. From the list below, identify the hand saw most suited to cutting the following materials:

- | | |
|------------|--------------|
| Hacksaw | Panel saw |
| Coping saw | Crosscut saw |

Task

Most suitable hand saw

a. Cutting a sheet of 18mm construction ply to size

b. Cutting a 50mm galvanised steel pipe

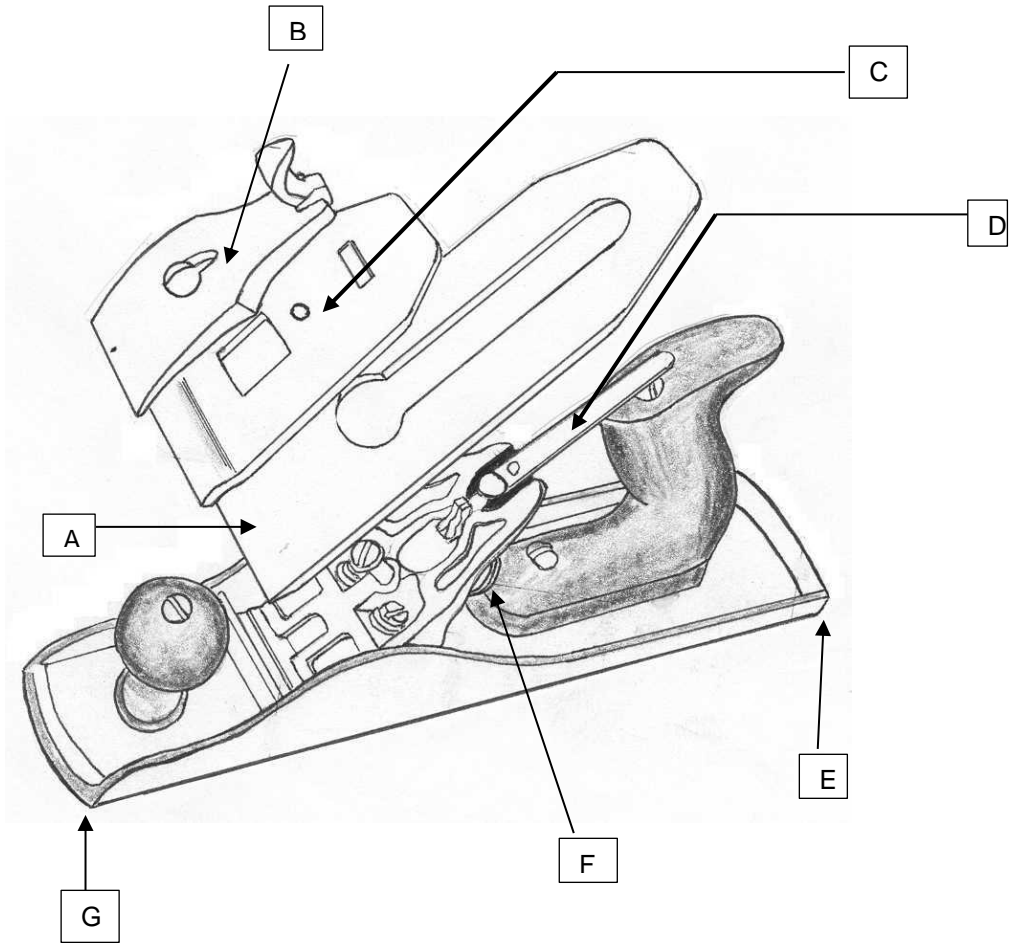
c. Cutting a decorative curved edge in thin timber

d. Cutting a sheet of 5mm marine ply

e. Cutting a piece of timber boxing to length

f. Cutting a PVC pipe to length

7. Name each of the following parts:



	Name of part
A	
B	
C	
D	
E	
F	
G	

8. When removing nails from timber, it is recommended that a piece of timber is placed between the hammer and the work. Provide two reasons for doing this.

Reason 1

Reason 2
