

**BA SANGAM COLLEGE**

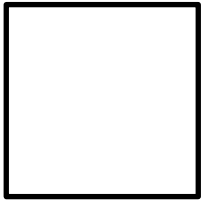
**YEAR 10**

**BASIC TECHNOLOGY**

**WORKSHEET 3**

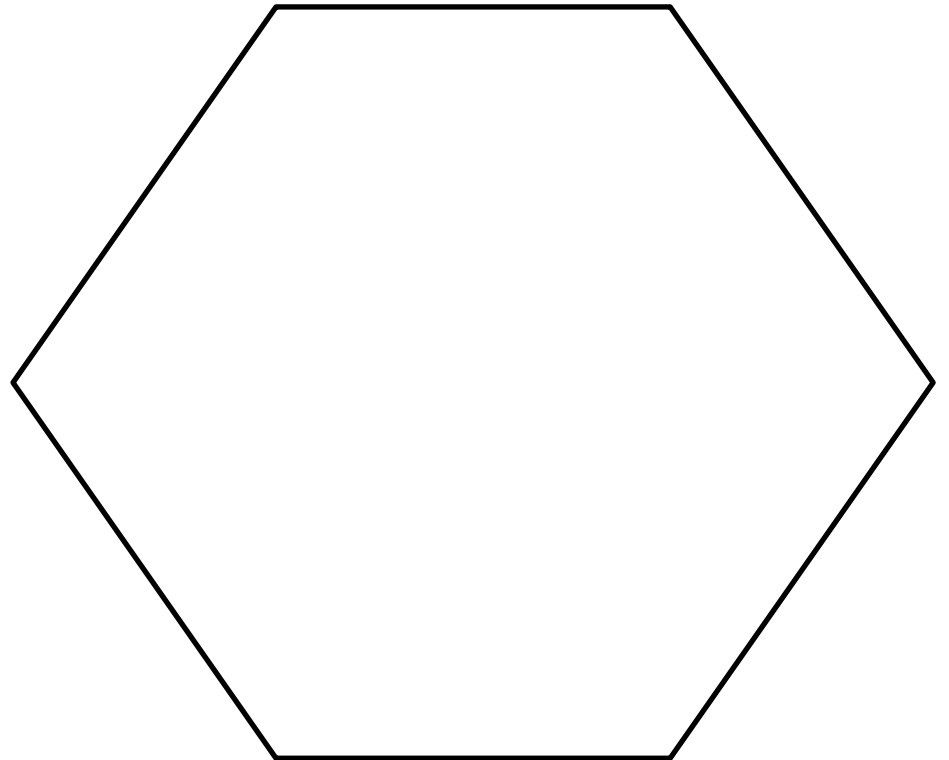
A. Enlarge the following Square into the ratio 3:5

NOTE: one side of the square is 20mm



B. Reduce the following Hexagon into the ratio 5:3

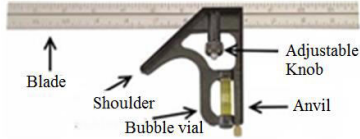
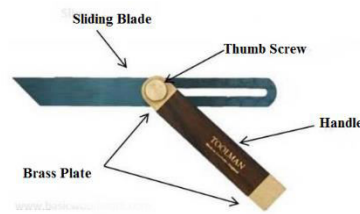
NOTE: one side of the hexagon is 50mm

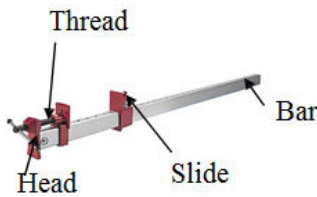
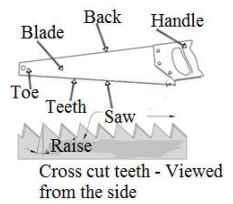
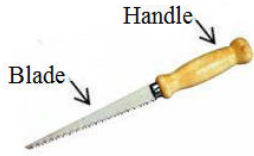
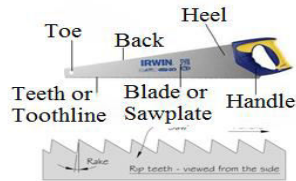
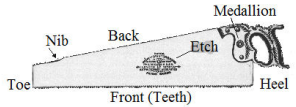


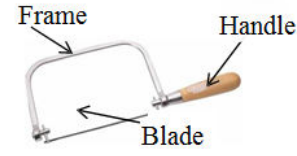
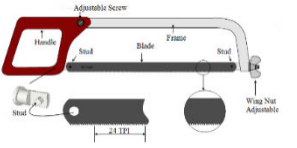
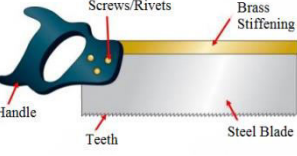
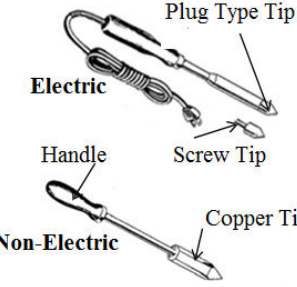
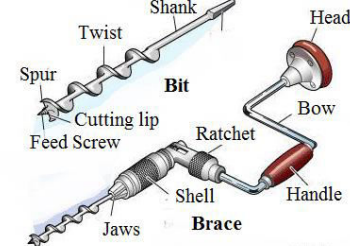
**TOPIC: HANDTOOLS & MATERIALS STRAND NO: 4**

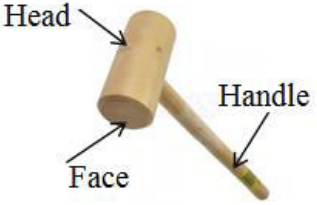




WEEK: 3 PAGE NO: 2


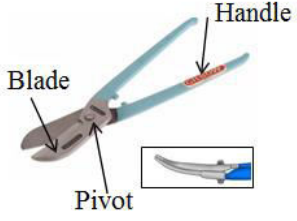
COMPLETE THE TABLE GIVEN BELOW. *THE FIRST ONE IS DONE FOR YOU.*

| NAME               | DESCRIPTION   | USE   |
|--------------------|---|---|
| COMBINATION SQUARE |    | <ul style="list-style-type: none"> <li>➤ For levelling</li> <li>➤ To determine the squareness</li> <li>➤ Guide a saw blade</li> </ul> |
| SLIDING BEVEL      |  |   |

|               |   |  |
|---------------|---|--|
| SASH CRAMP    |    |  |
| CROSS CUT SAW |    |  |
| KEYHOLE SAW   |    |  |
| RIP CUT SAW   |  |  |
| PANEL SAW     |  |  |

|                        |   |  |
|------------------------|---|--|
| COPING SAW             |    |  |
| HACKSAW                |    |  |
| BACK SAW               |    |  |
| SOLDERING IRON         |   |  |
| RATCHET BRACE AND BITS |  |  |

|                   |   |  |
|-------------------|---|--|
| TINMANS MALLET    |    |  |
| BALL PEIN HAMMER  |    |  |
| CROSS PEIN HAMMER |    |  |
| SOFT FACED HAMMER |   |  |
| BOSSING MALLET    |  |  |

|               |   |  |
|---------------|---|--|
| STRAIGHT SNIP |  <p>A diagram of straight snips. The two cutting edges are straight. One handle is light blue, and the other is grey. Labels 'Blade' and 'Handle' point to the respective parts.</p>   |  |
| CURVED SNIP   |  <p>A diagram of curved snips. The blades are curved. One handle is light blue, and the other is grey. Labels 'Blade', 'Handle', and 'Pivot' point to the respective parts. An inset box shows a close-up of the curved blade.</p> |  |