1 Drawing instruments

There is a skill involved in using drawing instruments. It requires a lot of practice to deliver accurate drawings.

In FIGURE 10, you can see how drawing instruments should be used. You need to use drawing instruments to do neat and accurate drawings. Before you start drawing, you need to familiarise yourself with the use of the different instruments.

Revision

- Keep the drawing paper clean. Do not fold it or allow it to become creased.
- Wash your hands before using drawing instruments.
- Use baby powder on your hands if you sweat a lot. It will stop your hands from getting damp and smearing the paper and instruments.
- Use erasers carefully so that you do not tear or crease the paper.

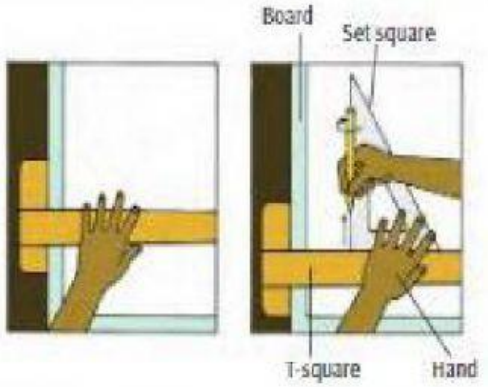


FIGURE 10 How to use drawing instruments correctly

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Activity 1 Drawing instruments

You will need:

- a drawing board
- T-square
- 45° set square
- 30° × 60° × 90° set square
- masking tape or sticky tape
- 2H pencil and drawing paper.

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Use your drawing instruments to copy the following illustrations into your workbook:

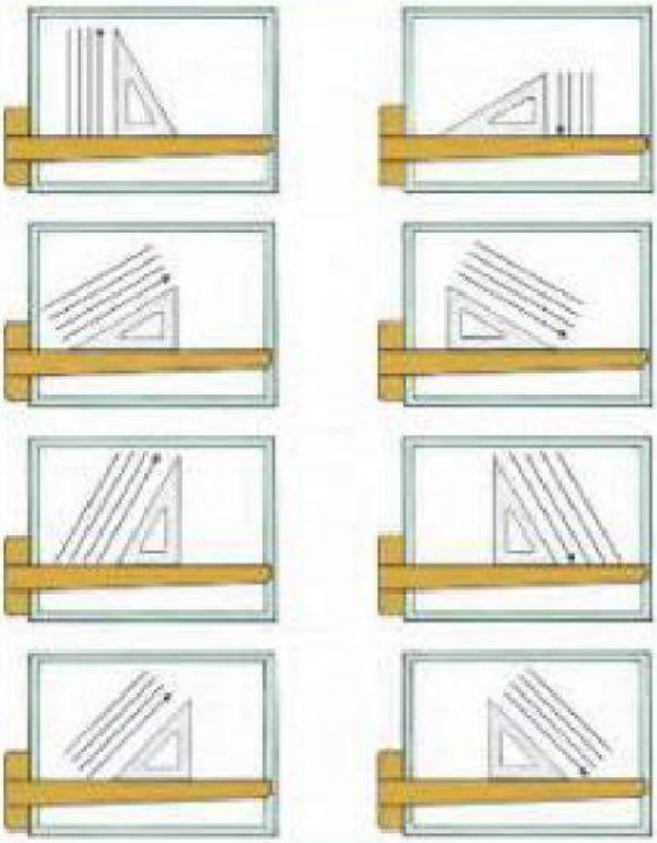


FIGURE 13 Use your T-square to draw these lines

1 Draw vertical lines.
2 Turn the set square the other way round and repeat the exercise.
3 Draw 30° lines upwards and downwards, using the set square resting on the T-square. Turn the set square the other way round to draw lines downwards.
4 Draw 60° lines upwards and downwards with the set square resting on the T-square. Turn the set square the other way round to draw lines downwards.
5 Draw 45° lines upwards with the set square resting on the T-square. Turn the set square around to draw lines downwards.

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Submit your drawing to the platform after using the online geometry drawing board.

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