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BASIC TECHNOLOGY

1. State how we can care for drawing instruments and materials.

ANS

- a. By storing them in a safe place.
- b. By keeping them away from little children.

2. What do you understand by freehand sketching

ANS

Freehand sketching is the process by which we sketch from our imagination and without much drawing tools

3. What is technical drawing?.

ANS

Technical drawing is a detailed, precise diagram or plan that conveys information about how an object functions or is constructed

4. Describe the following drawing instruments :

ANS

- a. French curve: French curves are plastic (or wooden) templates having an edge composed of several different curves. French curves are used in drafting (or were before computer-aided design) to draw smooth curves of almost any desired curvature in mechanical drawings.
- b. Compass: Compass is a drawing instrument found in a mathematical set used to draw a circle

5. State and describe two (2) common building materials.

ANS

- a. Cement: this is a mineral resource gotten from limestone.
- b. metal: this is a heavy material found or mined and can be used to construct various things.

6. What are the uses of the various building materials mentioned in no.5

ANS

- Cement: this material is used for holding the blocks of a building together
- Metal: this material is used to construct the frame work of a building

7. Mention two (2) uses of drawing instruments and materials.

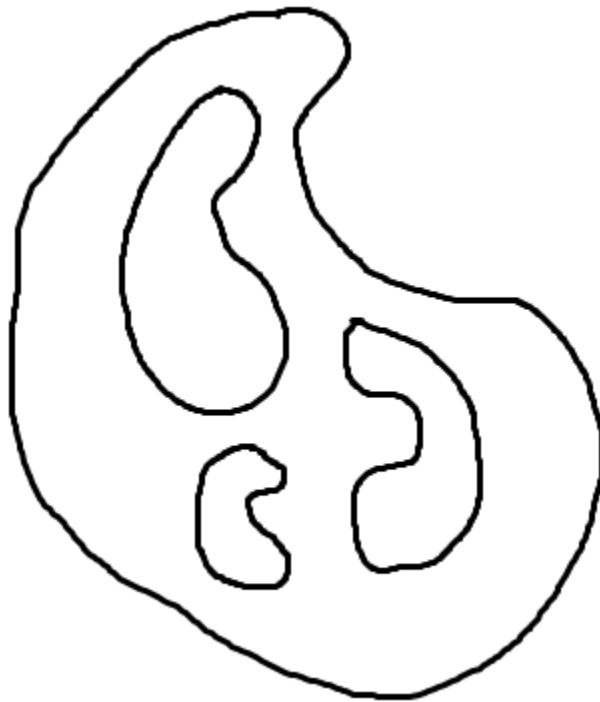
ANS

- a. They are used to measure
- b. They are used to draw

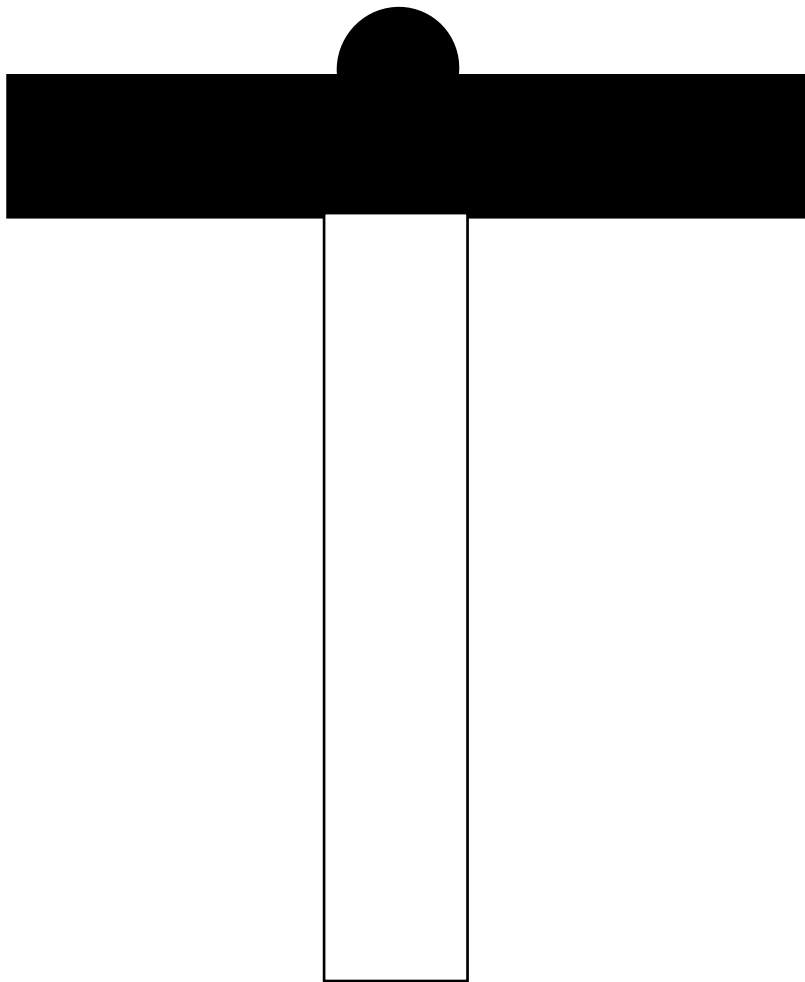
8. Draw the following drawing instruments:

- a. French curve
- b. Tee-square

- French curve



- Tee-square



9. state two (2) properties of metal

ANS

- a. ductility
- b. magnetism

10. what is construction line.

ANS

Construction lines (also known as xlines) are temporary linework entities that can be used as references when creating and positioning other objects or linework.