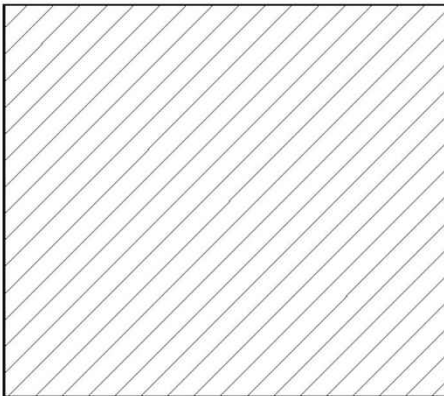


TERMS TO BE DEFINED OR IDENTIFIED FOR COMPETENCY 3:

- Square
- Cube
- Rectangle
- Equilateral triangle
- Obtuse triangle
- Acute triangle
- Isosceles triangle
- Right triangle
- Single stroke.
- Y14.2M
- Apex
- Pentagon
- Hexagon
- Octagon
- Cone
- Cylinder
- Rhombus
- Ellipse
- Arc
- Lettering
- Gothic
- Vertex

ITEMS TO BE REVIEWED for COMPETENCY 3:

- Standard ANSI section lines (hatch) can be used to designate certain metals. You should know these basic section line designations such as cast iron, which is shown below and has an indicator of ANSI31.



- The process of putting dimensions and descriptions on a drawing by hand or CAD is called "Lettering" and the standard text height is 1/8". For electronic lettering (CAD) 3/32" is an accepted practice and is an accepted convention.
- 1/72" of an inch is equal to one "point" when considering electronic lettering.
- The process of hand lettering is called "single stroke" and uses a "Gothic" font.

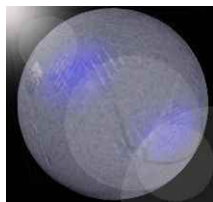
SHAPES:

It is important that a drafter understands the different shapes involved in drafting because at any given time you may come in contact with the shape itself or may need to create the shape in order to complete a process or a drawing.

- Identify the shape shown. (Rod or Tube?)



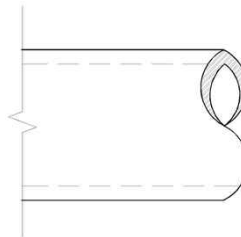
- Identify the shape shown. (Ball, Sphere, Circle?)



SAMPLE REVIEW QUESTIONS

1. Choose the correct designation for the object shown.

Solid rod
Hollow rod
Tube
Reinforcing rod



2. Identify the object shown.

Cone
Wedge
Triangle
Prism

