| **Visible Lines** | - Visible lines represent visible edges and boundaries.  
- Continuous and thick (0.5 - 0.6 mm). |
| **Hidden Lines** | - Hidden lines represent hidden edges and boundaries.  
- Dashed and medium thick (0.35 - 0.45 mm). |
| **Center Lines** | - Center lines Represent axes of symmetry.  
- Long dash – short dash and thin (0.3 mm). |
| **Centers** | - A form of center line indicating the center of a circle.  
- Long dash – short dash and thin (0.3 mm). |
| Dimension Lines       | • Dimension lines are used to show the size of an object. A dimension line is placed between two extension lines and is terminated by arrowheads, which indicates the direction and extent of the dimension.  
|                       | • The line type is continuous and the line weight is thin (0.3 mm). |
| Extension Lines       | • Extension lines project from the desired points of a part to further indicate which portion of the part is being dimensioned.  
|                       | • The line type is continuous and the line weight is thin (0.3 mm). |
| Cutting Plane Lines   | • Cutting plane lines are used to show where an imaginary cut has been made through the object in order to view interior features.  
|                       | • A cutting plane line is also a form of a PHANTOM LINE.  
|                       | • The line type is long dash – short dash – short dash, and the weight is very thick (0.6 to 0.8 mm).  
|                       | • Arrows are placed at both ends of the cutting plane line to indicate the direction of sight. |
### Section Lines
- Section lines are used to show areas that have been cut by the cutting plane.
- Section lines are grouped in parallel line patterns and usually drawn at a 45° angle.
- The line type is usually continuous and the line weight is thin (0.3 mm).

### Break Lines
- Break lines are used to show imaginary breaks in objects.
- A break line is usually made up of a series of connecting arcs.
- The line type is continuous and the line weight is usually thick (0.5 – 0.6 mm).

All Definitions were sourced from [http://www.engineeringessentials.com/ege/ortho/ortho_page5.htm](http://www.engineeringessentials.com/ege/ortho/ortho_page5.htm) where further practice with the line types can be had.