Unit 2 Test Topics to Review

1. Be able draw a multi-view drawing from a dimensioned isometric or oblique view.
2. Draw an isometric sketch from the picture of an object.
3. Draw a one-point perspective from the picture of an object.
4. Draw an ellipse, which represents a circle in an isometric drawing.
5. Differentiate between technical drawings and artistic/conceptual/advertising sketches.
6. Define the types of lines used in drawings: object lines, construction lines, hidden lines, center lines, dimension lines.

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| Center Line | A line which defines the center of arcs, circles, or symmetrical parts. |
| Construction Line | Lightly drawn lines to guide drawing other lines and shapes. |
| **Dimension** | A measurement, such as the three principal dimensions of an object of width, height, and depth. |
| Dimension Line | A line which represents the length of an object or feature of an object. |
| Hidden Line | A line type that represents an edge that is not directly visible. |
| Object Line | A heavy solid line used on a drawing to represent the outline of an object. |

In order to study for this quiz, review the notes you took in your engineering notebook, and the powerpoints that we used in class. Powerpoints can be found on the PLTW LMS.