

Orthographic Projection - Homework #1

Define the following vocabulary terms. You may use the Engineering Technology web site as a resource to look up these terms. Go to the **"Techno Terms"** page. (10 POINTS EACH)

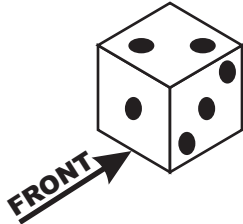
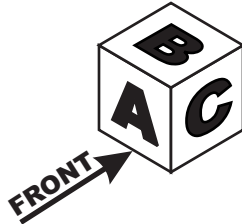
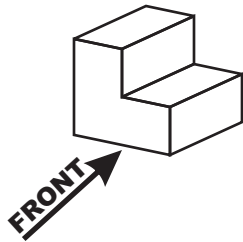
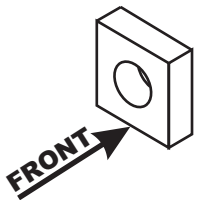
Orthographic Projection: _____

Dimensions: _____

Witness Lines: _____

Isometric Sketch: _____

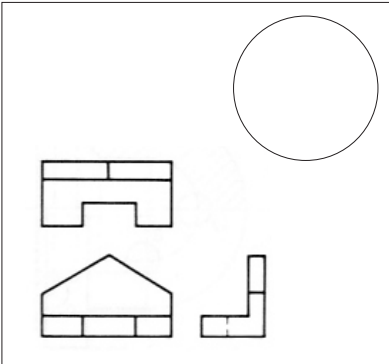
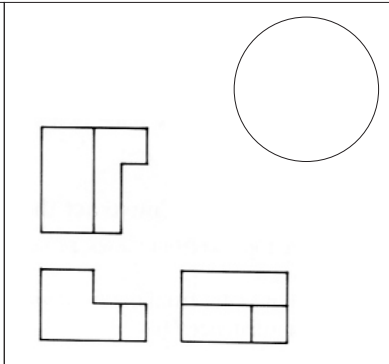
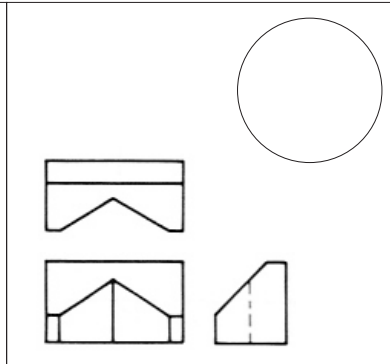
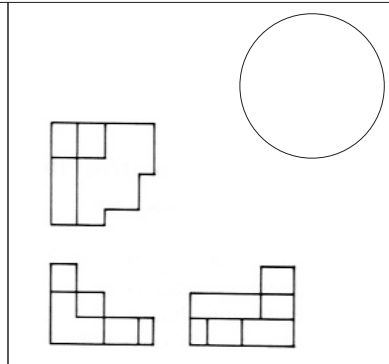
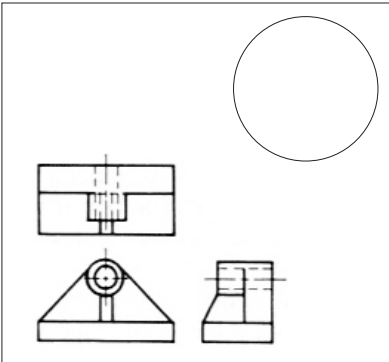
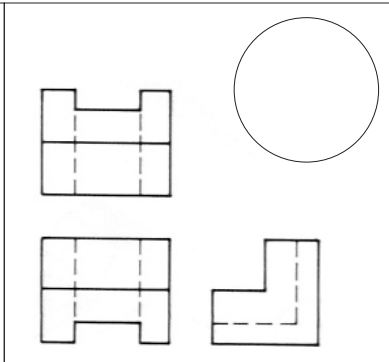
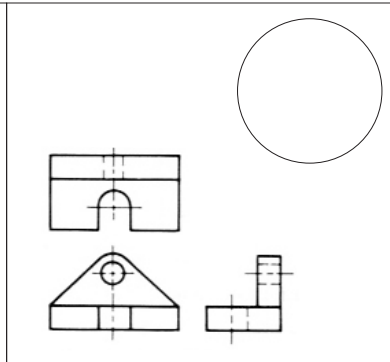
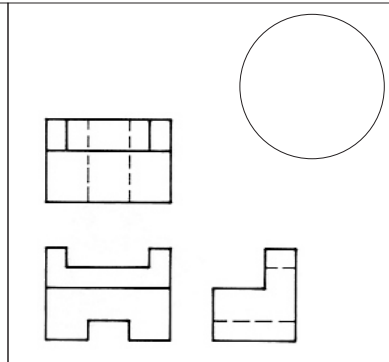
Sketch the following objects using the Orthographic Projection method. Remember to include the Front, Top and Right Side Views. (9 POINTS EACH)

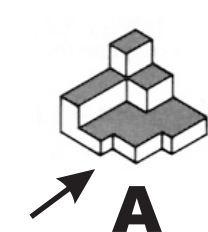
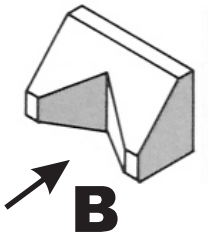
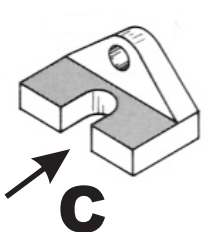
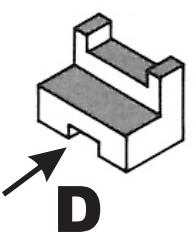
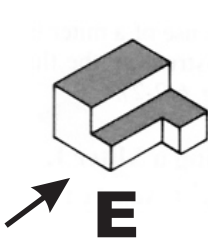
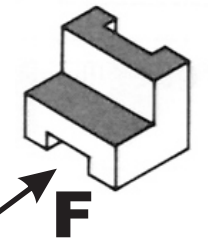
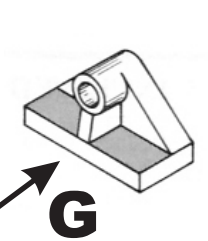
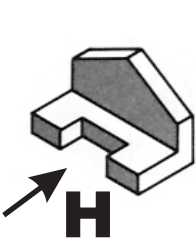
<div data-bbox="110 814 418 1079"><p>TOP VIEW</p></div> <div data-bbox="548 760 789 982"></div> <div data-bbox="110 1100 418 1365"><p>FRONT VIEW</p></div> <div data-bbox="435 1100 743 1365"><p>RIGHT SIDE VIEW</p></div>	<div data-bbox="837 814 1146 1079"><p>TOP VIEW</p></div> <div data-bbox="1263 760 1503 982"></div> <div data-bbox="837 1100 1146 1365"><p>FRONT VIEW</p></div> <div data-bbox="1162 1100 1471 1365"><p>RIGHT SIDE VIEW</p></div>
<div data-bbox="110 1461 418 1726"><p>TOP VIEW</p></div> <div data-bbox="548 1402 789 1642"></div> <div data-bbox="110 1747 418 2011"><p>FRONT VIEW</p></div> <div data-bbox="435 1747 743 2011"><p>RIGHT SIDE VIEW</p></div>	<div data-bbox="837 1461 1146 1726"><p>TOP VIEW</p></div> <div data-bbox="1308 1402 1503 1600"></div> <div data-bbox="837 1747 1146 2011"><p>FRONT VIEW</p></div> <div data-bbox="1162 1747 1471 2011"><p>RIGHT SIDE VIEW</p></div>

Orthographic Projection - Homework #1

DIRECTIONS: Look at the Orthographic Projection drawings below and determine which isometric shape belongs with each Orthographic Projection drawing. Simply write the letter in the circle that matches. The arrows indicate the front view of the object.

(3 POINTS EACH)

 A	 B	 C	 D
 E	 F	 G	 H