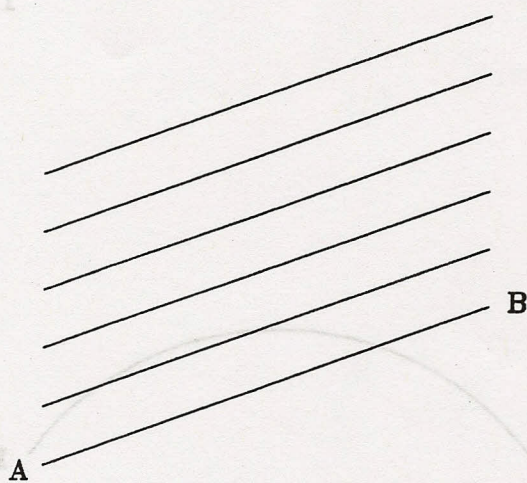


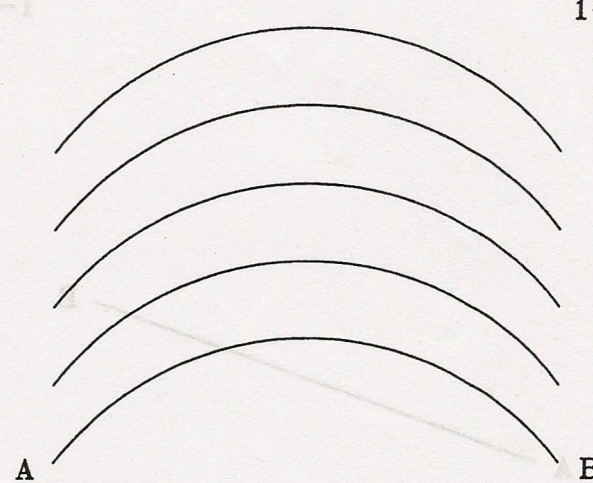
<p style="text-align: right;"><b>1-1</b></p> <ol style="list-style-type: none"> <li>1. Turn on ORTHO by clicking the ORTHO button in the status bar (it appears recessed when on) or type ORTHO in the command line, then type ON.</li> <li>2. Select the existing line (notice that 3 grips appear).</li> <li>3. Click on the center grip (it becomes HOT, turns red).</li> <li>4. In response to; Specify stretch point or [Base point/Copy/Undo/Exit]: type C (for Copy) and press the Enter key.</li> <li>5. Drag the line copy upward and click 5 times at varying intervals to place 5 copies above the original line. Notice that the lines are parallel to the original.</li> <li>6. Exit the command.</li> <li>7. Press the Escape key to turn off the grips.</li> </ol> <p>Note: Press the Enter key, the Escape key, or the right mouse button to exit commands.</p>	<p style="text-align: right;"><b>1-2</b></p> <ol style="list-style-type: none"> <li>1. Turn on ORTHO.</li> <li>2. Choose the Copy Object icon in the Modify toolbar.</li> <li>3. In response to; Select objects: Click on the arc and press the Enter key.</li> <li>4. In response to; Specify base point or displacement, or [Multiple]: type M (for Multiple) and press the Enter key.</li> <li>5. In response to; Specify base point:, pick a base point by clicking anywhere on or near the original arc.</li> <li>6. Drag the arc copy upward and click at varying intervals 4 times to place 4 copies above the original arc.</li> <li>7. Exit the command.</li> </ol>
<p style="text-align: right;"><b>1-3</b></p> <ol style="list-style-type: none"> <li>1. Choose the Line icon in the Draw toolbar.</li> <li>2. Choose the Snap to Node icon in the Object Snap toolbar. Pick the left node (the circle with cross hairs) above the A end of line AB and start drawing a line.</li> <li>3. The line will attach to the center of the node.</li> <li>4. Choose the Snap to Perpendicular icon in the Object Snap toolbar.</li> <li>5. Click on line AB.</li> <li>6. Exit the command.</li> <li>7. Repeat the above sequence for each of the other lines.</li> </ol> <p>Note: Press the Enter key, the Space bar, or the right mouse button to re-enter the last command.</p>	<p style="text-align: right;"><b>1-4</b></p> <ol style="list-style-type: none"> <li>1. Turn on ORTHO.</li> <li>2. Choose the Line icon in the Draw toolbar.</li> <li>3. Choose the Snap to Midpoint icon in the Object Snap toolbar and click on line AB.</li> <li>4. Drag a new vertical line up towards the top border.</li> <li>5. Click to terminate the line about half way to the top border.</li> <li>6. Exit the command.</li> </ol>
<p style="text-align: right;"><b>1-5</b></p> <ol style="list-style-type: none"> <li>1. Choose the Extend tool in the Modify toolbar.</li> <li>2. In response to; Select objects: click on line CD and press the Enter key.</li> <li>3. In response to; Select object to extend or shift-select to extend or [Project/Edge/Undo]: click on line AB.</li> <li>4. Exit the command.</li> </ol>	<p style="text-align: right;"><b>1-6</b></p> <ol style="list-style-type: none"> <li>1. Choose the Trim tool in the Modify toolbar.</li> <li>2. In response to; Select objects: click on line AB and press the Enter key.</li> <li>3. In response to; Select object to trim or shift-select to trim or [Project/Edge/Undo]: click near the upper end of line CD.</li> <li>4. Exit the command.</li> </ol>





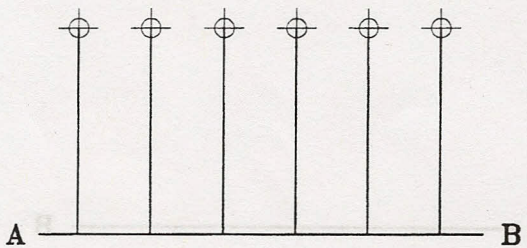
1-1

Draw 5 parallel lines directly above line AB.



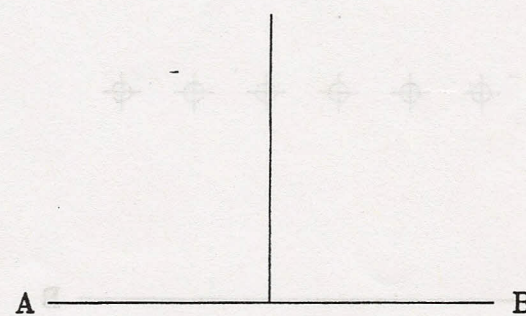
1-2

Draw 4 arcs directly above arc AB.



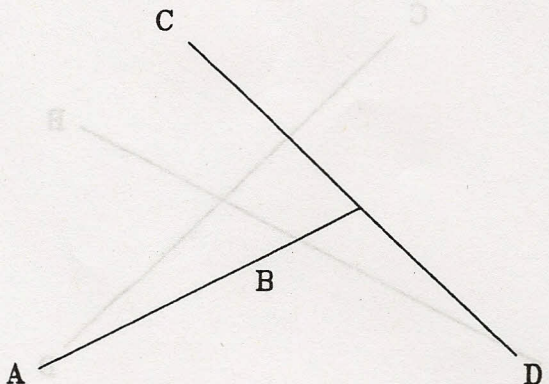
1-3

Draw a line from each node perpendicular to line AB.



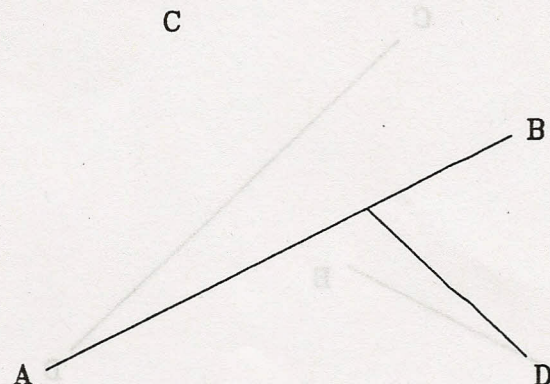
1-4

Draw a perpendicular bisector to line AB.



1-5

Extend line AB to intersect with line CD.



1-6

Trim the upper end of line CD to line AB.