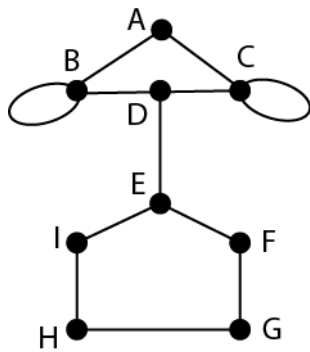
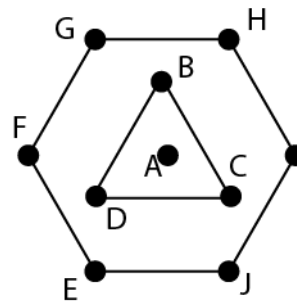


	Graph A	Graph B	Graph C	Graph D
How many <b>edges</b> does this graph have?	<b>12</b>	<b>9</b>	<b>10</b>	<b>8</b>
What is the <b>order</b> of the graph (number of vertices)?	<b>9</b>	<b>10</b>	<b>6</b>	<b>9</b>
How many <b>components</b> does the graph have?	<b>1</b>	<b>3</b>	<b>1</b>	<b>1</b>
Is the graph <b>connected</b> ?	<b>Yes</b>	<b>No</b>	<b>Yes</b>	<b>Yes</b>
Is the graph <b>simple</b> ? (no loops or multiple edges)	<b>No</b>	<b>Yes</b>	<b>No</b>	<b>Yes</b>
Is the graph a <b>tree</b> ? (no circuits)	<b>No</b>	<b>No</b>	<b>No</b>	<b>Yes</b>
Find the <b>degree</b> of vertex A	<b>2</b>	<b>0</b>	<b>4</b>	<b>2</b>
Find the <b>degree</b> of vertex B	<b>4</b>	<b>2</b>	<b>4</b>	<b>1</b>
Find the <b>degree</b> of vertex E	<b>3</b>	<b>2</b>	<b>3</b>	<b>1</b>

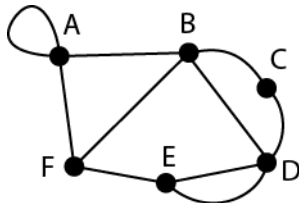
Graph A



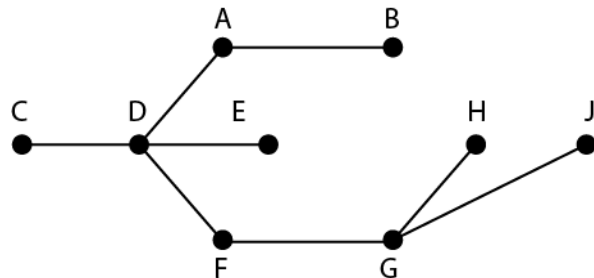
Graph B



Graph C



Graph D



For Graphs A, C and D, can you find an Euler Circuit or Euler path? (label it on the graph if you find one.) **Graph A has an Euler path; starting and ending vertices are D and E. Graph C has an Euler path; starting and ending vertices are E and F. Graph D does not have an Euler path or circuit.**