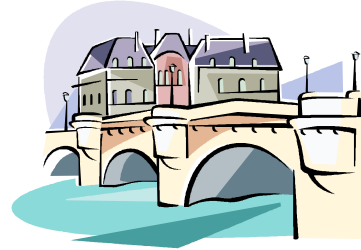
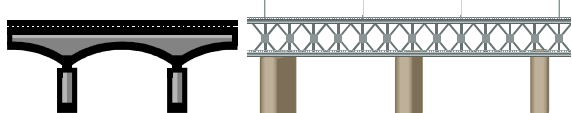

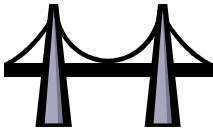


Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Bridge Notes Worksheet **Answers**



Fill in the chart below with information on the types of bridges discussed during class.

Bridge Type	Description/Picture	Typical Length
<b>Beam or Truss Bridge</b>	<p>A horizontal beam that is supported on each end by columns or piers.</p> 	<p><b>Beam: 200 feet (61m)</b>  <b>Truss: 500-600 feet (152-183m)</b></p>
<b>Arch Bridge</b>	<p>A bridge shaped as a curved arch, with abutments at each end.</p> 	<p><b>100-1,500 feet (30-457m)</b></p>
<b>Modern Suspension Bridge</b>	<p>Characterized by an M-shaped cable pattern. Cables are strung over two towers and then anchored on both ends. The roadway is suspended from the cables by thinner cables or rods.</p> 	<p><b>2,000 to 7,000 feet (610-2,134m)</b></p>
<b>Cable-Stayed Bridge</b>	<p>Characterized by an A-shaped cable pattern. Cables are anchored directly to the towers, and eliminate the need for an anchorage system.</p>	<p><b>500 to 3,000 feet (152-914m)</b></p>