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**Manufacturing Engineering**

**Hydraulic and Pneumatic Systems Worksheet**

**Directions:** Answer the six questions below.

1. Describe the basic principle of Pascal’s law.
2. Why is it important to keep hydraulic and pneumatic systems free of leaks?
3. List three similarities between hydraulic and pneumatic systems.
4. Identify two advantages pneumatic systems have over hydraulic systems.
5. List an advantage of hydraulic systems over pneumatic systems.
6. What step must be taken before disconnecting lines on either system for maintenance?