

# PASCAL'S LAW AND PSI

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



1. Pascal's law talks about hydraulic or confined fluid systems that are \_\_\_\_\_, and it is not \_\_\_\_\_.
2. State Pascal's law or principle:
3. What is the formula to find PSI or pounds per square inch?
4. The amount of Pressure exerted by a hydraulic cylinder on a confined fluid when a force of 500 pounds is applied to a 10 square inch piston is \_\_\_\_\_?
5. The amount of Pressure exerted by a hydraulic cylinder on a confined fluid when a force of 60 pounds is applied to a 12 square inch piston is \_\_\_\_\_?