Name: _____ Group: _____ Date: _____

CONCEPT REVIEW 14

Forces in fluids

AST

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Complete this Concept Review so you can keep a record of what you have learned.

Definitions

- Pascal's principle states _____
- Archimedes' principle states _____
- Bernoulli's principle states _____

Factors influencing pressure in a liquid and a gas

	Factor	Factor variation	Pressure variation
Liquid	Depth	• Increased	• Increased
Liquid			
Gas			
Gas			
Gas			

Relationship between buoyant force (F_b) and force of gravity (F_g)

If $F_b < F_g$, then: _____

If $F_b = F_g$, then: _____

If $F_b > F_g$, then: _____