

Chapter 7 Science Review

Format:

- True and False
- Fill in the blank
- Matching
- Multiple Choice
- Short Answer

Definitions:

fluids	laminar flow	turbulent flow
eddy	streamlined	flow rate
viscosity	cohesion	surface tension
Adhesion	fluid mechanics	fluid dynamics
		aerodynamics
		hydrodynamics

How to Prepare/What to know

- Review Chapter 7 Handouts (7.1, 7.2, 7.3, 7.6).
- Positive and negative effects of fluid flow on society and environment
- The Particle Theory. - what is it?
- Particles of solid, liquids, gas
- What makes a fluid
- Difference between fluid mechanics/dynamics, aerodynamics, and hydrodynamics
- Difference between cohesion and adhesion
- Difference between laminar and turbulent flow
- How to increase/decrease flow rate
- Controlling different flows (i.e water/blood)
- Viscosity of various fluids
- Human blood flow (What does blood do?)/technologies involved for complications