

TOPIC 5: River Mechanics (/10)

Name:

1. Draw and describe a hydraulic jump. What are the types of flow that occur in a jump and show how they differ in terms of their variables (4)?
2. What's the difference between kinematic and dynamic viscosity (2), what equation do they contribute to (1) and what does that equation measure (1)?
3. What is the difference between steady flow and uniform flow (2)?