



Fluids / Animation 5

Name _____ Class _____

<Show all work on calculations. Include proper units. Explanations require complete sentences.>

- _____ 1) At which point(s) is the platelet subjected to the highest pressure?
- A) To the left of the blockage
 - B) Between the brown blockage rectangles
 - C) To the right of the blockage
- _____ 2) At which point(s) is the platelet subjected to the lowest pressure?
- A) To the left of the blockage
 - B) Between the brown blockage rectangles
 - C) To the right of the blockage
- _____ 3) Which animation(s) show properly the motion of the platelet as it moves through the blockage?
- A) Animation 1 B) Animation 2 C) Animation 3
- 4) Does a particle in a fluid always move from a high pressure region to low pressure region? Explain.
- 5) Under what circumstances will the particle in the animation speed up?
- 6) Under what circumstances will the particle in the animation slow down?