My name is: _____

Starting Assessment (*not graded*)

The purpose of this assessment is twofold. The first is to help me determine your current level of understanding of issues relevant to the teaching of the material in this class so I can aim at the right level. The second is as a baseline against which you and I can measure what you learn. If you have no idea, there is no harm in leaving the answer blank.

(1) Give 2-3 examples of primary dimensions of scientific measures.

(2) Give 2-3 examples of units in which scientific measurements are made.

(3) What is meant by a homogeneous equation?

(4) How do solids respond to constant stresses?

(5) How do fluids respond to constant stresses?

(6) Distinguish a fluid shear from a fluid pressure.

(7) Distinguish form drag from skin friction.

(8) What is lift?

(9) List at least two properties of fluids.