Medical Biochemistry Quiz, Discussion Group #7, 10/20/99

All questions on this quiz refer to the fatty acid shown above.

1. (1 point) What is the systematic name for this fatty acid?
   
   \[ \text{cis 9, 12-decadienoic acid} \]

2. (1 point) What is the common name for this fatty acid?
   
   \[ \text{oleic acid} \]

3. (1 point) To what omega series does this fatty acid belong?
   
   \[ \text{omega 9} \]

4. (0.5 points) If this a saturated or unsaturated fatty acid?
   
   \[ \text{unsaturated} \]

5. (0.5 points) Circle the hydrophilic portion of the molecule.

6. (1.0 point) Would you expect this fatty acid to be a liquid or solid at room temperature?
   
   \[ \text{liquid} \]