1. Provide the common and IUPAC names for the following molecules. Also classify each molecule as primary, secondary, tertiary, or quaternary.

a) b) c) c) 
$${\rm CH_3NH_2} \qquad {\rm CH_3CH_2CH_2NH_2} \qquad {\rm (CH_3CH_2)_2NH}$$

d) e) 
$$(CH_3CH_2)_3N \qquad H_3CH_2C \qquad CH_2CH_2CH_3$$