(1) Write two angles, one positive, one negative, that are coterminal with $\frac{4\pi}{3}$.

(2) Convert the following:
   (a) $\frac{7\pi}{6}$ - Try not using a calculator!
   (b) Write $150^\circ$ in radians as a multiple of $\pi$.

(3) Given that $\tan \beta = 5$, find the value of the other five trig functions of $\beta$.

(4) Use your calculator to find
   (a) $\sin 10^\circ$
   (b) $\sec \frac{3\pi}{7}$

(5) What is the reference angle for $210^\circ$?

(6) Find all six trig functions of $\alpha = \pi$.

(7) Find exact values for the six trig functions of $\theta = \frac{5\pi}{6}$.

(8) Find the point on the unit circle $(x, y)$ that corresponds to the angle $\theta = \frac{5\pi}{3}$.

(9) If $\cos \theta = \frac{3}{5}$ and $\tan \theta < 0$, find $\sin \theta$.

(10) What are the two possibilities for $\cos \theta$ if $\tan \theta = \frac{3}{4}$?