Assigned Wed. Jan 23 to be due Mon. Jan 28

1. If $\sin\theta = \dfrac{3}{5}$ and θ is in Quadrant II, find exact values for all six trig functions.

   Rationalize denominators if applicable.   Do it twice – once using the method of Sec. 4, example 4 and another time using the method of Sec. 4, example 5.

2. Find one solution for the equation $\cos A = \sin(3A - 10)$. Show your work.