Use a calculator to approximate the value of each expression. Give answers to six decimal places.

$$Sin(38\frac{42}{40} \cdot \pi / 180) =$$

Find the value of  $\theta$  in the interval [0°, 90°] that satisfies each statement. Write each answer in decimal degrees to six decimal places.

$$( {}_{\!\!\! o} \, {}^{\!\!\! o} \, {}^{\!\!\! o} \, {}^{\!\!\! o} )$$
 Find the grade resistance, to the nearest ten pounds, for a 2100lb car travelling on a 1.8° uphill grade

$$-0.05 = Sin^{1}Sin^{2}$$
  
 $Sin^{2} = (-2.9^{\circ})$ 

