Homework on Chapter 2

Question One
Convert the angles from the radian system to the degree system:

a - $\frac{2\pi}{3}$

b- $\frac{4\pi}{3}$

Question Two
Convert the angles from the degree system to the radian system:

a- 135°

b- 50°

Question Three
convert the point (2 , $\sqrt{5}$, $2\sqrt{2}$) from Cartesian coordinates to cylindrical coordinates?

Question Four
convert the point ($\frac{1}{2}$, $\frac{5\pi}{3}$, -6) from cylindrical coordinates to Cartesian coordinates?

Question Five
convert the point ($\sqrt{7}$, $\sqrt{6}$, 3) from Cartesian coordinates to spherical coordinates?

Question Six
convert the point (4 , $\frac{\pi}{3}$, $\frac{\pi}{4}$) from spherical coordinates to Cartesian coordinates?