18K41A0549

2)
$$\frac{\partial f}{\partial n(n=5)} = (4n^3+6n)_{(n=5)}$$

 $= 4(125)+6(5)$
 $= 530$

3)
$$\Delta n \propto \frac{\partial t}{\partial n}$$
.
 $\Delta n = -\eta \frac{\partial t}{\partial n} = -(0.01)(530)$
 $= -5.3$

$$= 92) \frac{dt}{dn(n=0)} = (4n^2+6n)_{(n=-0.3)}$$

$$= 4[-0.3]^3+((-0.3)$$