Review Questions 3

1. Solve the following expression, final answer should be in scientific notation...

$$\frac{\dfrac{1}{22\times10^3}+\dfrac{1}{14\times10^4}}{\dfrac{1}{31\times10^4}}$$

2. Simplify the following to a single power of 10

$$\frac{\left(\dfrac{10^8}{10^4}\right)^{-3}}{\left(\dfrac{10^6}{10^{-2}}\right)^5}$$

3. Solve the following expression, final answer should be in scientific notation...

$$\left(2.3\times10^2\right)^3$$

4. Solve the following expression, final answer should be in scientific notation...

$$\sqrt{5.7\times10^3}$$