(5.10) The asumed uranium resources in Japan are 4 kt, in Argentina 12 kt, and in France 48 kt  $U_3O_8$ . How many 1 GW $_e$  reactor years can these uranium amounts sustain in each country at the uranium consumption rate (a) of the previous exercise?

Rate := 193 
$$t/GW_e$$
yr Rateoxide := 
$$\frac{Rate \cdot (3.238 + 8.16)}{3.238}$$

 $Rateoxide = 227.6 t/GW_eyr$ 

Japan: 
$$\frac{4000}{Rateoxide} = 17.6$$
 years

Argentina: 
$$\frac{12000}{Rateoxide} = 52.7$$
 years

France: 
$$\frac{48000}{Rateoxide} = 210.9$$
 years