1. Use J & C table 6-3 and/or table A-5 to solve the following:

   a. What fluence of 20 MeV electrons will deliver 1 Gy of dose to the first 1 mm of a water phantom?

   b. What fluence would be needed if 500 keV electrons were used?

   c. What fluence of 20 MeV electrons will deliver 1 Gy of dose to the first 1 mm of an aluminum phantom?

   d. By how much would the answer change if the question asked for the dose delivered in the first 0.1 mm of phantom?