Solution:

$$A = \frac{2000\ mg}{500\ mg} \times tablet$$

$$\boldsymbol{A = 4\ tablets}$$

3. Dilantin-125 is available as 250 mg/10 mL. Dilantin-125, 0.5 g PO, is ordered. How much should the nurse administer to the patient?
   Given:
   D = 0.5 mg
   H = 250 mg
   Q = 10 mL

   Solution:

$$A = \frac{0.5\ mg}{250\ mg} \times 10\ ml$$

$$\boldsymbol{A = 0.02\ mL}$$



4. Furosemide is available as 50 mg in 1 mL. 20 mg is ordered to be administered through an IV. What amount of furosemide should the nurse administer?
   D = 20 mg
   H = 50 mg
   Q = 1 mL

   Solution:

$$A = \frac{20\ \ mg}{50\ mg} \times\ 1ml$$

$$\boldsymbol{A = 0.4\ mL}$$