

66. The becquerel (Bq) and curie (Ci) are defined in §43-3. Thus, $R = 8700/60 = 145$ Bq, and

$$R = \frac{145 \text{ Bq}}{3.7 \times 10^{10} \text{ Bq/Ci}} = 3.92 \times 10^{-9} \text{ Ci} .$$