

## Chapter 30

30.12

$$1 \text{ MeV}/c^2 = 1.78 \times 10^{-30} \text{ kg}$$

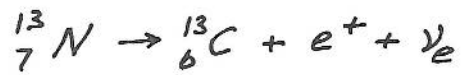
30.15

$$1 \text{ u} = 1.66 \times 10^{-27} \text{ kg}$$

30.26

$$\Delta m = 0.069511 \text{ u}$$

30.42



30.48

$$Q = \Delta mc^2 = 5.407 \text{ MeV}$$