

29. Abbreviating wapentake as “wp” and assuming a hide to be 110 acres, we set up the ratio 25 wp/11 barn along with appropriate conversion factors:

$$\frac{(25 \text{ wp}) \left(\frac{100 \text{ hide}}{1 \text{ wp}} \right) \left(\frac{110 \text{ acre}}{1 \text{ hide}} \right) \left(\frac{4047 \text{ m}^2}{1 \text{ acre}} \right)}{(11 \text{ barn}) \left(\frac{1 \times 10^{-28} \text{ m}^2}{1 \text{ barn}} \right)} \approx 1 \times 10^{36} .$$