

Proving Units Quiz 2

1. $1 = 100\%$
 $.0044\%$

$.000044$

2. $\frac{x}{y} \div \frac{z}{w} = \frac{x}{y} \times \frac{w}{z} = \frac{xw}{yz}$

3. $\frac{4 \text{ days}}{1} \times \frac{24 \text{ hr}}{1 \text{ day}} \times \frac{60 \text{ min}}{1 \text{ hr}} \times \frac{60 \text{ sec}}{1 \text{ min}} \times \frac{4 \text{ lbs}}{1 \text{ sec}} \times \frac{1 \text{ bu wheat}}{60 \text{ lbs}} = \frac{\text{bu wheat}}{1}$

23040 bu wheat

4. $\frac{1 \text{ sec}}{640 \text{ acres}} \times \frac{16 \text{ ton}}{1 \text{ section}} \times \frac{\$640}{1 \text{ ton}} = \frac{\$}{\text{acre}}$

$\frac{\$16}{1 \text{ acre}}$

5. $\frac{24 \text{ hr}}{1} \times \frac{60 \text{ min}}{1 \text{ hr}} \times \frac{\$2}{1 \text{ acre}} \times \frac{\$1.3}{\$1} = \frac{\$c}{1}$

$\$c 2496$

canadian dollars