chapter 4.4

7a) $\frac{7}{3} \times \frac{1}{1} = \boxed{\frac{7}{3}}$

8a) $\frac{6\$}{1\,hr} \times \frac{5\,hr}{1\,wkday} = \boxed{\frac{\$30}{wkday}}$

1b) $\frac{5 \text{ gall}}{1} \times \frac{4 \text{ qt}}{1 \text{ gall}} = \square$

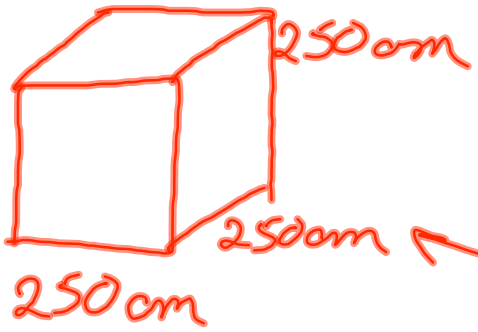
11b) $\frac{6 \text{ gall}}{1} \times \frac{4 \text{ qt}}{1 \text{ gall}} \times \frac{2 \text{ Pt.}}{1 \text{ qt}} = \square$

12) $\frac{4\ ft}{1\ sec} \times \frac{60}{\frac{120\ sec}{2\ min}} = \boxed{240\ \frac{ft}{min}}$

13) $\frac{5\ yd}{1\ min} \times \frac{1\ min}{60\ sec} \times \frac{36\ in}{1\ yd} = 3\ \frac{in}{sec}$

14) $\frac{32 \text{ lbs}}{1} \times \frac{0.453 \text{ kg}}{1 \text{ lbs}} = \square$

15)



$$\frac{250\,\text{cm}}{1} \times \frac{1\ \text{in}}{2.54\,\text{cm}} \times \frac{1\ \text{ft}}{12\ \text{in}} = 8.2\ \text{ft}$$

$$\text{volume} = (8.2\ \text{ft})^3$$

$$= 551.8\ \text{ft}^3$$

20) $\frac{6 \text{ tons}}{1} \times \frac{2000 \text{ lbs}}{1 \text{ ton}} \times \frac{0.453 \text{ kg}}{1 \text{ lbs}} = \square$

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23) $\frac{4\frac{1}{2}\text{ in}}{1} \times \frac{60\text{ miles}}{1\text{ in}} =$ ☐ find

now use → $D = R \cdot T$

25) $\frac{8 \text{ in}}{1} \times \frac{25 \text{ mi}}{6 \text{ in}} = 33\frac{1}{3} \text{ mi}$

$\frac{33\frac{1}{3} \text{ mi}}{1} \times \frac{2 \text{ in}}{25 \text{ mi}} = \square$