

P.6

$$\frac{29 \text{ cal}}{3 \text{ min}} \rightarrow 9.67 \frac{\text{cal}}{\text{min}}$$

Marshmallows

$$318 \text{ Cal} \quad 9.67 \frac{\text{cal}}{\text{min}}$$

"Useless" Math?

$$5 \times 1 = 5$$

$$\frac{5}{1} = 5$$

$$5 \div 3 \quad \frac{5}{1} \times \frac{1}{3}$$

$$\frac{5}{5} = 1$$

$$\frac{500 \text{ pennies}}{1} \left(\frac{\$1}{100 \text{ pennies}} \right)$$

$a \times b \times c = a \times c \times b$

$$\frac{(500) (\text{pennies}) (\$1)}{(1) (100) (\text{pennies})}$$

$$\frac{500 (\$)}{100} = \boxed{\$5}$$

$$\frac{318 \text{ cal}}{1} \left(\frac{\text{min}}{9.67 \text{ cal}} \right)$$

$$\frac{318}{9.67} \left(\frac{\text{min}}{1} \right) = 32.89 \frac{\text{min}}{9.67 \text{ cal}} \cdot \frac{1 \text{ min}}{9.67 \text{ cal}}$$

chips

$$559 \text{ cal} \quad 9.67 \frac{\text{cal}}{\text{min}}$$

$$= \underline{57.81} \text{ min}$$

oil

$$\frac{884 \text{ cal}}{1} \left(\frac{\text{min}}{9.67 \text{ cal}} \right)$$

$$\frac{884}{9.67} \left(\frac{\text{min}}{1} \right) = 91.2 \text{ min}$$

$$91.42$$

snail

$$\frac{120 \text{ yd}}{\text{Fortnight}} \left(\frac{3 \text{ ft}}{1 \text{ yd}} \right) \left(\frac{\text{Fortnight}}{14 \text{ day}} \right) \left(\frac{1 \text{ day}}{24 \text{ hr}} \right)$$

$$\rightarrow \left(\frac{1 \text{ hr}}{60 \text{ min}} \right)$$

$$\frac{120 \cdot 3 \cdot \text{ft}}{1 \cdot 14 \cdot 24 \cdot 60 \cdot \text{min}} = \frac{360}{20160} \frac{\text{ft}}{\text{min}} = .018 \frac{\text{ft}}{\text{min}}$$

$$.18 \frac{\text{ft}}{\text{min}} \left(\frac{12 \text{ in}}{1 \text{ ft}} \right)$$

$$\underline{2.14 \text{ in}} \text{ min}$$