

11/16

HW review p.35

72 oz 6 steaks

$$\frac{72}{6}$$

$$\frac{12\text{oz}}{1\text{steak}}$$

72oz for 6 steaks  
unit rate (per steak) is 12oz for 1 steak

CROSS multiply - ratio solve for a  
proportion (equal ratio)

$$\frac{72\text{ oz}}{6\text{ steaks}} = \frac{X}{1\text{ steak}}$$

$$\begin{array}{r} 6x = 72 \\ \hline \text{DDDDDD} \quad 72 \\ \div 6 \quad \uparrow \quad \quad \quad \uparrow \quad \div 6 \\ \hline \square \quad \quad \quad 12 \end{array}$$

ALGEBRA  
Mini-lesson  
isolate the  
variable -  
then "mystery"  
is revealed.

"Dolly"



$$\frac{6x}{6} = \frac{72}{6}$$

$$6x \div 6 = 72 \div 6$$

$$x = 12$$

plug in

$$\frac{72\text{ oz}}{6\text{ st.}} = \frac{12\text{ oz}}{1\text{ st.}}$$

unit rate

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$$\begin{array}{r} \text{OOOOOO} \quad 72 \\ \hline \div 6 \quad \uparrow \quad \quad \quad \uparrow \quad \div 6 \end{array}$$

$$\frac{\square}{\quad} = 12$$

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$$x = 12$$

plug in

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unit rate



③ 40.8 gallon into 8 containers

? paint per container

$$\frac{40.8}{8} = \frac{5.1}{1}$$

$$\begin{array}{r} 5.1 \\ 8 \overline{) 40.8} \\ \underline{40} \phantom{0} \\ 80 \\ \underline{80} \\ 0 \end{array}$$

CROSS MULT.

$$\frac{40.8}{8} = \frac{X}{1}$$

$$\frac{40.8}{8} = \frac{8X}{8}$$

$$5.1 = X$$

model

