

11/4 What we can do with Rate Tables

Determine Better Buy

8 bars for \$10 or
20 bars for \$23

$$\begin{array}{c|c|c} & \times 5 & \\ \hline \text{Bars} & 8 & 40 \\ \hline \$ & 10 & 50 \end{array}$$

$$\begin{array}{c|c|c} & \times 2 & \\ \hline \text{Bars} & 20 & 40 \\ \hline \$ & 23 & 46 \end{array}$$

← Better Deal

☆ Get both tables
to = Bars OR
= \$

Multiply Numbers

49 x 32

$$\begin{array}{c|c|c|c|c} 1 & 10 & 5 & 50 & 49 \\ \hline 32 & 320 & 160 & 1600 & 1568 \end{array}$$

Finding Equivalent Rates

$$\begin{array}{c|c|c|c} & \times 2 & \div 10 & \\ \hline 5 \text{ lbs.} & 10 & 1 & 11 \\ \hline \$6 & 12 & 1.20 & 13.20 \end{array}$$

Also Simplify Fractions

$$\begin{array}{c|c|c|c} & \div 2 & \div 2 & \div 5 \\ \hline 40 & 20 & 10 & 2 \\ \hline 100 & 50 & 25 & 5 \end{array}$$

Finding Common Denominators (to add or subtract)

$$\frac{2}{9} + \frac{1}{4} = ?$$

$$\begin{array}{c|c|c} 2 & 4 & 8 \\ \hline 9 & 18 & 36 \end{array}$$

$$\begin{array}{c|c} 1 & 9 \\ \hline 4 & 36 \end{array}$$

↙
x9

$$\frac{8}{36} + \frac{9}{36} = \frac{17}{36}$$