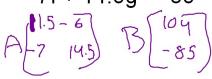
## Alg 2 Bellwork Wednesday, Sept.

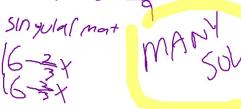
- 25ye20113system of equations using matrices. Round to the nearest hundredth when mecessary. Civo
- $\frac{19f}{1}$  + 14.5g = -85



$$\frac{2}{3}\mathbf{j} - \mathbf{k} = -10$$

$$A \begin{bmatrix} 1 & (\frac{9}{7}) \\ (\frac{2}{3}) & -1 \end{bmatrix} \qquad A \begin{bmatrix} (-27) \\ -10 \end{bmatrix}$$

$$4x + 6y = 96 - 4x$$



4. On Monday the coach bought some packs of gum and bottles of Gatorade. Packs of gum were \$0.99 each and Gatorade was \$1.89 each. The coach spent a total of \$37.26.

On Friday the coach bought the same number of packs of gum and bottles of Gatorade but gum was \$1.29 a pack and Gatorade was \$1.49 a bottle. The coach spent a total of \$33.96 that day.

Write and solve a system of equations to find the number of

packs of gum and bottles of Gatorade purchased each day. 
$$P = Pack Sof$$

$$\frac{999}{1.29} + \frac{1.89}{1.49} = 37.26$$

$$\frac{15}{1.29} + \frac{1.49}{1.49} = 33.96$$