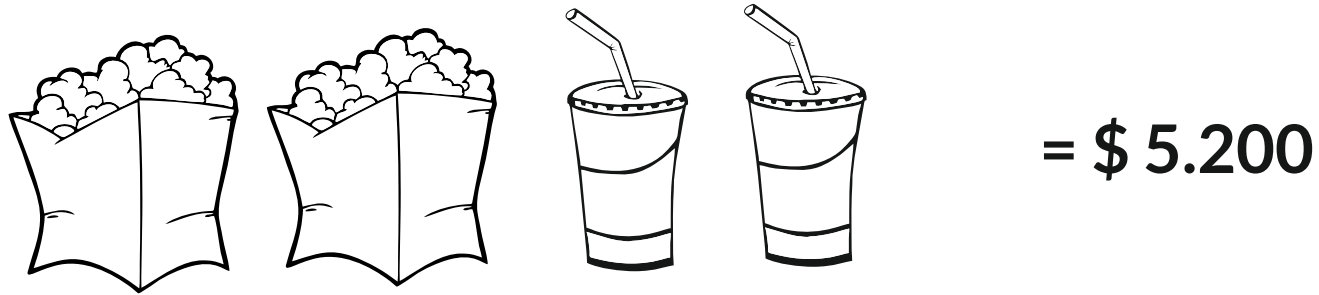
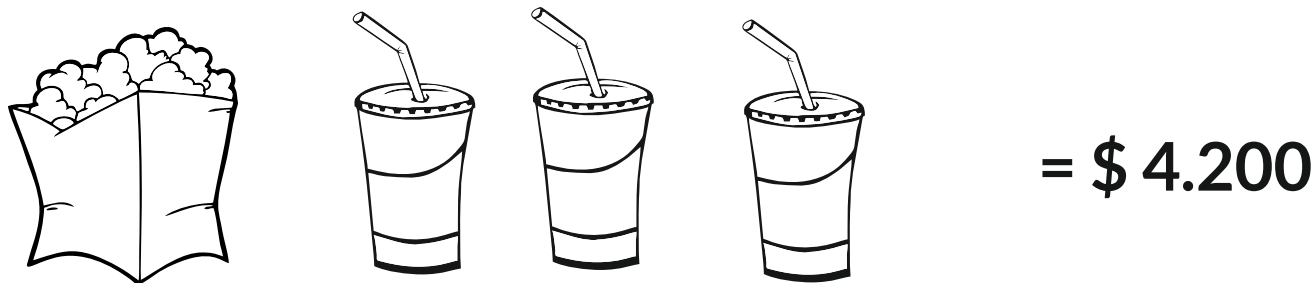


Durante las vacaciones, en la entrada del cine:

Combo 1:



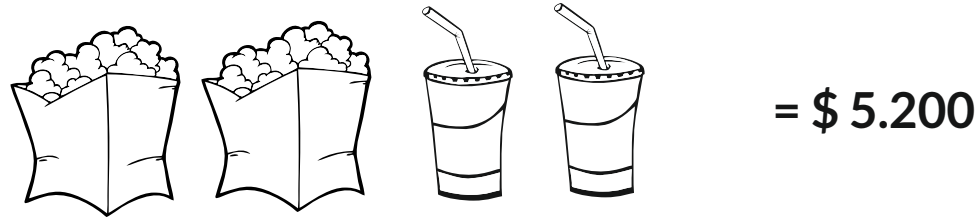
Combo 2:



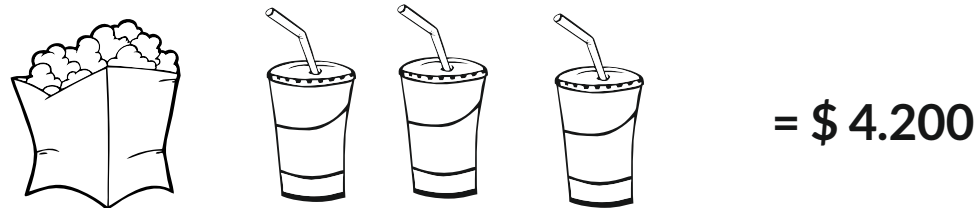
Desafío:

***¿Cuál es el valor unitario de cada palomita
y de cada bebida?***

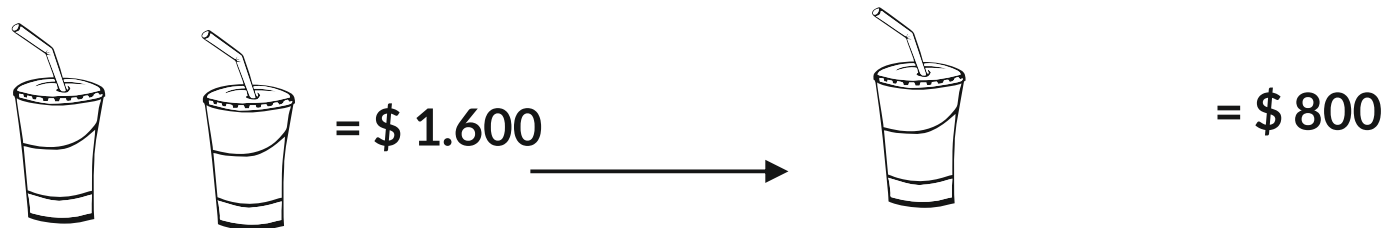
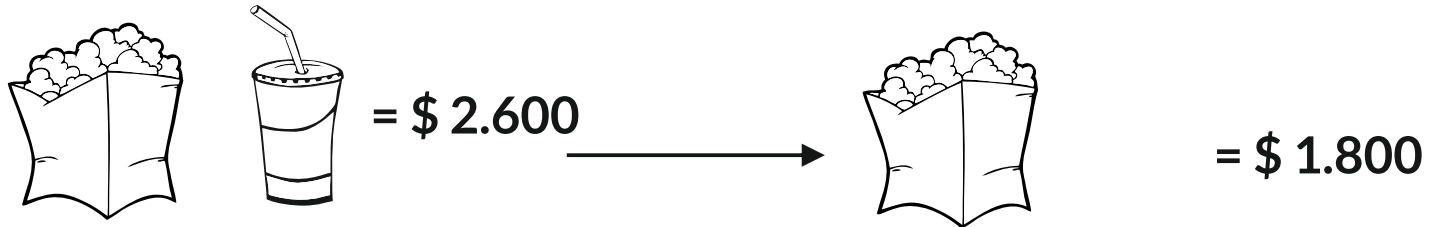
Combo 1:



Combo 2:

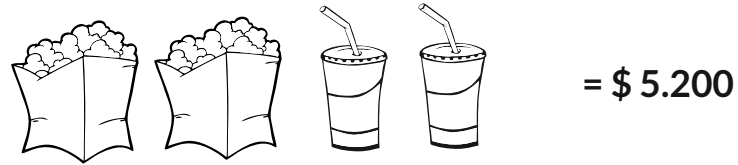


De la información anterior podemos deducir:

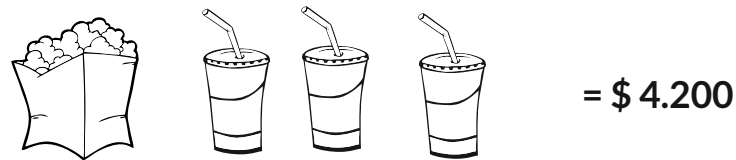


Pensando lógicamente, una de las tareas de la matemática.

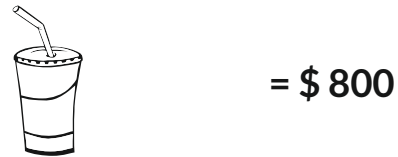
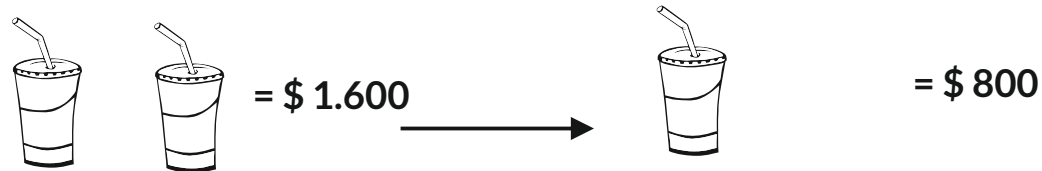
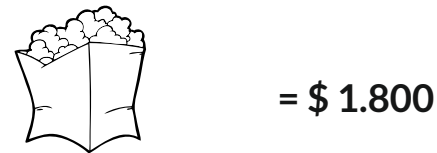
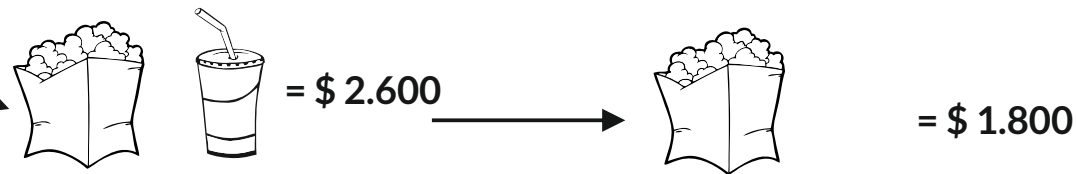
Combo 1:



Combo 2:



De la información anterior podemos deducir:



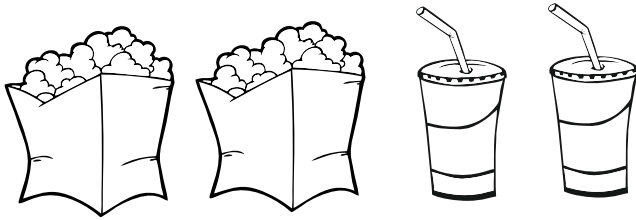
Si dos palomitas y dos bebidas valen \$ 5.200, una palomita y una bebida vale la mitad: \$ 2.600.

Si una palomita y tres bebidas valen \$ 4.200, y una palomita y una bebida valen \$ 2.600, dos bebidas valen \$ 1.600, una sola bebida vale la mitad (\$ 800) y, por tanto, la palomita vale \$ 1.800 (\$ 2.600 - \$ 800)

Algebraicamente,

(p = palomita ; b = Bebida)

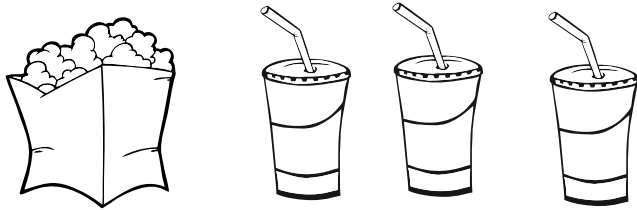
Combo 1:



= \$ 5.200

$$2p + 2b = 5.200$$

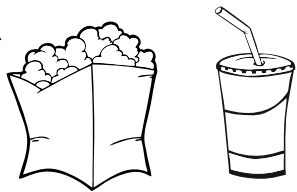
Combo 2:



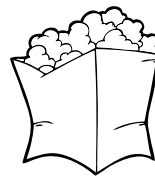
= \$ 4.200

$$p + 3b = 4.200$$

De la información anterior podemos deducir:



= \$ 2.600



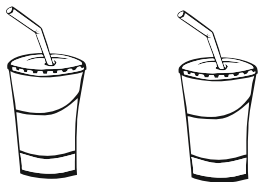
= \$ 1.800



$$p + b = 2.600 \quad (p = 2.600 - b)$$

$$p = 2.600 - 800$$

$$p = 1.800$$



= \$ 1.600



= \$ 800



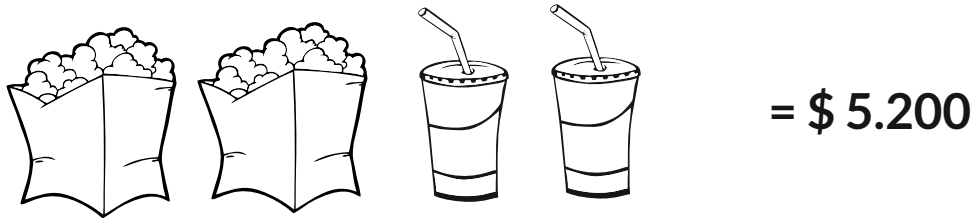
$$2b = 1.600$$

$$b = 800$$

Reemplazando p y b,

(p = palomita ; b = Bebida)

Combo 1:



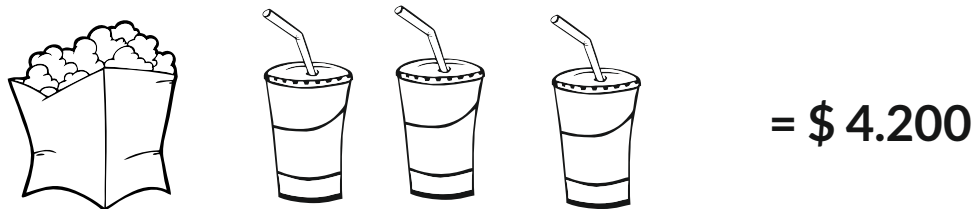
$$2p + 2b = 5.200$$

$$2 \cdot 1.800 + 2 \cdot 800 = 5.200$$

$$3.600 + 1.600 = 5.200$$

$$5.200 = 5.200$$

Combo 2:



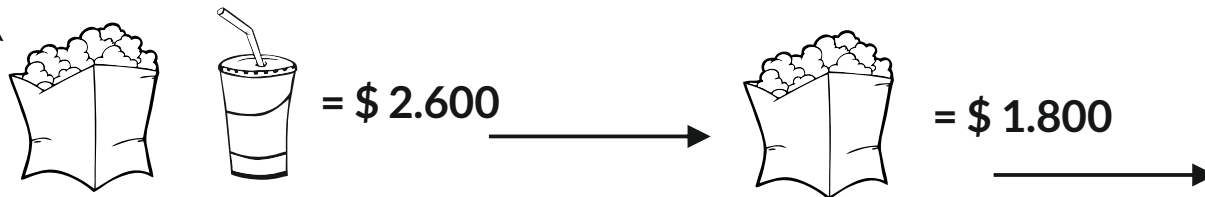
$$p + 3b = 4.200$$

$$1.800 + 3 \cdot 800 = 5.200$$

$$1.800 + 2.400 = 5.200$$

$$5.200 = 5.200$$

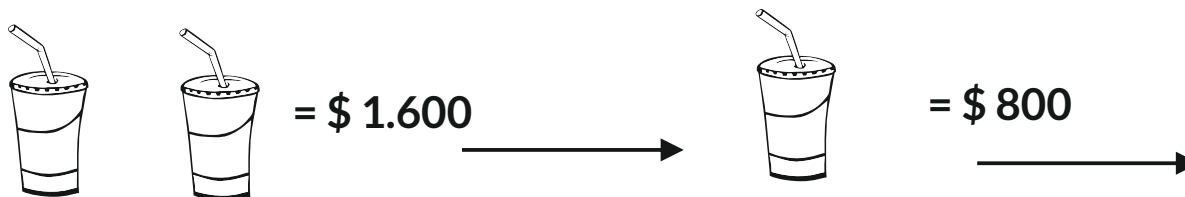
De la información anterior podemos deducir:



$$p + b = 2.600 \quad (p = 2.600 - b)$$

$$p = 2.600 - 800$$

$$p = 1.800$$

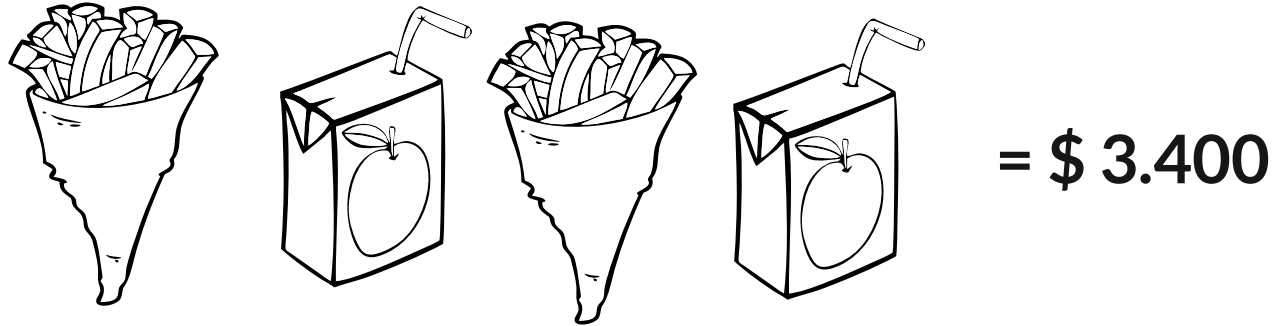


$$2b = 1.600$$

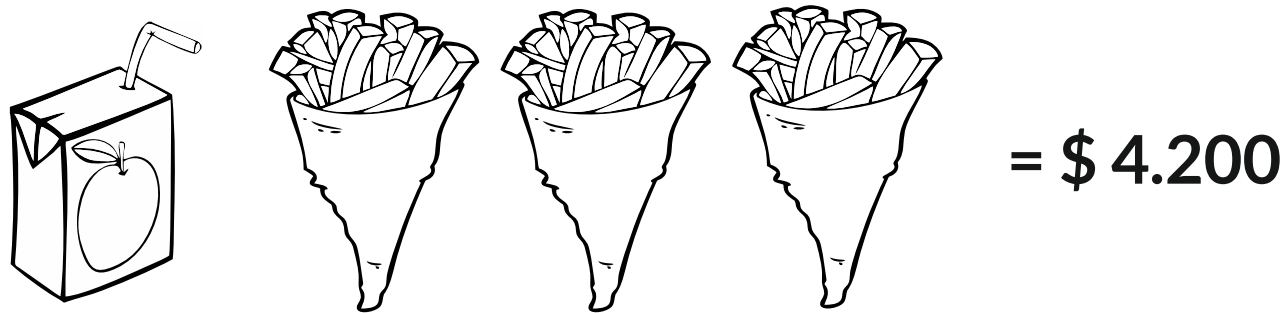
$$b = 800$$

Durante las vacaciones, en la entrada del cine:

Combo 1:



Combo 2:



Desafío:

***¿Cuál es el valor unitario de cada papa frita
y de cada jugo?***