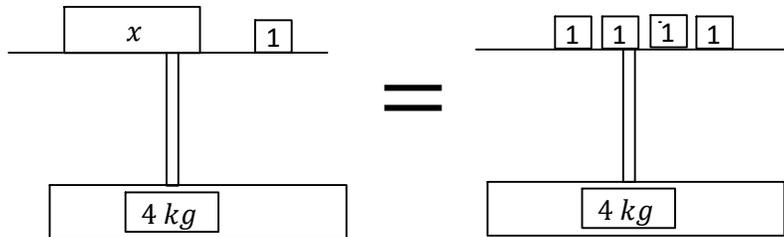


# M8 - 10.0 - Golden Rule Scale Picture Notes

$\boxed{1} = 1kg$

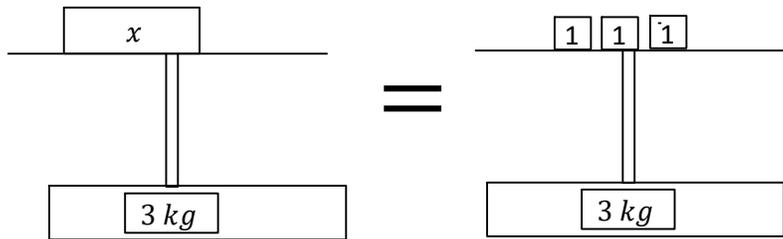
**The Golden Rule:** Whatever you do to the right side of the equal sign, do to the left side.

What plus 1 = 4?



$$x + 1 = 4$$

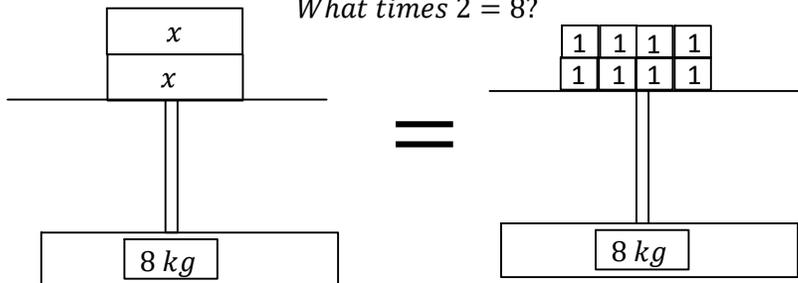
$$\begin{array}{r} x + 1 = 4 \\ -1 \quad -1 \\ \hline x = 3 \end{array}$$



Take off one from both sides

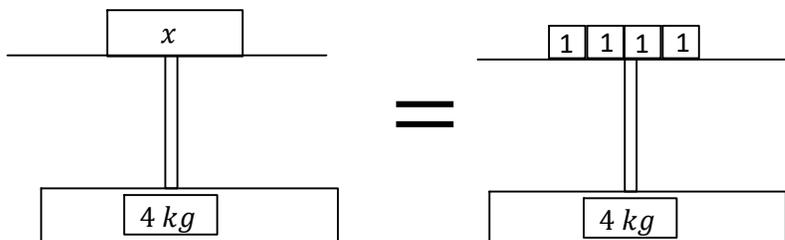
$$x = 3$$

What times 2 = 8?



$$2x = 8$$

$$\begin{array}{r} 2x = 8 \\ \hline \frac{2x}{2} = \frac{8}{2} \\ x = 4 \end{array}$$



Divide both sides by two

$$x = 4$$