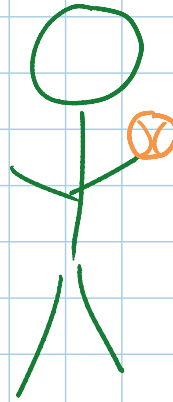## Example 1

1) A basketball player weighs *220 lbs.* and is *6 ft.* tall. On a European tour, his weight and height are listed in kilograms and meters. What are they?

$1 \, kg = 2.2 \, lbs$

$3.28 \, ft = 1 \, M$

$$220 \, lbs \left(\frac{1 \, kg}{2.2 \, lbs} \right) = 100 \, kg$$

$$6 \, ft \left(\frac{1 \, m}{3.28 \, ft} \right) = 1.83 \, m$$