* 1 liter of water = 1000 grams = 1 kg
* 1 gallon = 128 oz
* 1 gallon of water = 3.785 liters
* 1 kg = 2.2 lbs
* 3.785 liters/gallon x 2.2 lbs/liter = 8.327 lbs per gallon
* Each pallet has 80 cases x 24 servings (bottles) = 1920 servings (bottles)
* **Half-liter pallet (4 pallets needed in order)**
  + 1 half-liter pallet has 80 cases of 24 servings
  + Liters
    - How many liters in 1 half liter pallet?
      * .5Lx24 servings=12 liters
      * 12L x80 cases= 960 liters per half liter pallet
    - How many liters in 4 half-liter pallets?
      * 960L per pallet x 4 pallets= **3840 liters total**
  + Gallons
    - How many gallons in 1 half-liter pallet?
      * 960 liters ÷ 3.785 gallons/liter ≈ 253.632 gallons
    - How many gallons in 4 half-liter pallets?
      * 253.632 gallons x 4 pallets ≈ **1014.53 gallons total**
  + Weight
    - What is the weight of 4 half-liter pallets without the bottles?
      * 1014.53 gallons x 8.327 lbs per gallon **≈ 8,447.99 lbs**
    - What is the weight of the bottles in 1 half-liter pallet?
      * 1 bottle = .5 oz
      * 1920 bottles per pallet
        + 1920 bottles x .5 oz per bottle = 960 oz
        + 960 oz ÷ 128 oz per gallon = 7.5 gallons
        + 7.5 gallons x 8.327 lbs per gallon = **62.4525 lbs**
    - What is the weight of the bottles in 4 half-liter pallets?
      * 62.4525 lbs x 4 = **249.81 lbs**
  + Total weight from water and water bottles?
    - * 8447.99 + 249.81 **= 8,697.8 lbs total**
* Full-liter pallet (2 pallets needed in order)
  + 1 full-liter pallet has 80 cases of 24 servings
  + Liters
    - How many liters in 1 full-liter pallet?
      * 1L x 24 servings = 24 liters
      * 24L x 80 cases = 1920 liters per pallet
    - How many liters in 2 full-liter pallets?
      * 1920L per pallet x 2 pallets = **3840 liters total**
  + Gallons
    - How many gallons in 1 full-liter pallet?
      * 1920 liters ÷ 3.785 gallons/liter≈ 507.265 gallons
    - How many gallons in 2 full-liter pallets?
      * 507.265 gallons x 2 pallets = **1014.53 gallons total**
  + Weight
    - What is the weight of 2 full-liter pallets?
      * 1014.53 gallons x 8.327 lbs per gallon **≈ 8,447.99 lbs**
    - What is the weight of the bottles in one pallet?
      * 1 bottle = .5 oz
      * 1920 bottles per pallet
        + 1920 bottles x .5 oz per bottle = 960 oz
        + 960 oz ÷ 128 oz per gallon = 7.5 gallons
        + 7.5 gallons x 8.327 lbs per gallon = **62.4525 lbs**
    - What is the weight of the plastic bottles in 2 pallets of full liter bottles?
      * 62.4525 lbs x 2 = **124.905 lbs**
  + Total weight from water and water bottles?
    - * 8447.99 + 124.905 **= 8,572.895 lbs total**

**TOTALS**

* How many liters in the total order?
  + 3840 (4 half-liter pallets) + 3840 (2 full-liter pallets) = **7680 liters**
* How many gallons in the total order?
  + 1014.53 (4 half-liter pallets) + 1014.53 (2 full-litter pallets) = **2,029.06 gallons**
* Weight (in pounds) total (water and bottles)
  + 8,697.8 (4 half-liter pallets) + 8,572.895 (2 full-liter pallets) = **17,270.695 pounds**