SENARO EDUCATION CENTER

School of English Medium Studies

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MATHEMATICS GRADE 06

Lesson 16 – LIQUIDID MEASUREMENTS.

Worksheet

1. Section 1: Identifying Units of Measurement
    a. What unit is used to measure the volume of a small bottle of water?
    b. Name three units used for measuring liquid quantities.
    c. Which unit is larger: milliliters or liters?
    d. Convert 500 milliliters to liters.
    e. Express 2 liters in milliliters.
    f. Express 750 milliliters in liters.
    g. A jug contains 1 liter of juice. Express its volume in milliliters.
    h. The capacity of a bottle is 500 milliliters. Express it in liters.
    i. A tank holds 2,000 liters of water. How many milliliters is that?
    j. The volume of a beaker is 250 milliliters. Express its capacity in liters.
2. Section 2: Relationship between Milliliters and Liters
    a. How many milliliters are there in 1 liter?
    b. Convert 3,500 milliliters to liters.
    c. How many liters are there in 4,000 milliliters?
    d. A bottle contains 750 milliliters of liquid. Express its volume in liters.
    e. The capacity of a tank is 2.5 liters. Express it in milliliters.
    f. A container holds 4 liters of oil. Express its volume in milliliters.
    g. There are 1,000 milliliters in a liter. How many milliliters are there in 2 liters?
    h. A pitcher holds 1.5 liters of juice. Express its volume in milliliters.
    i. The volume of a container is 6 liters. Express it in milliliters.
    j. Convert 2,500 milliliters to liters.
3. Section 3: Adding and Subtracting Liquid Measurements
    a. Add 300 milliliters and 500 milliliters.
    b. Subtract 250 milliliters from 1 liter.
    c. Add 1.5 liters and 750 milliliters.
    d. Subtract 400 milliliters from 2 liters.
    e. A bottle contains 750 milliliters of soda. If you pour in an additional 250 milliliters, how much will the bottle hold?
    f. Add 1 liter and 2,500 milliliters.
    g. Subtract 750 milliliters from 3 liters.
    h. Add 800 milliliters and 1.2 liters.
    i. Subtract 1.5 liters from 3,000 milliliters.
    j. A pitcher contains 2.5 liters of juice. If you pour out 1,000 milliliters, how much will be left in the pitcher?
4. Section 4: Estimating Liquid Quantities
    a. Estimate the volume of water in a small glass.
    b. Estimate the capacity of a large bucket.
    c. Estimate the volume of milk in a carton.

d. Estimate the capacity of a swimming pool.
e. Estimate the volume of juice in a can.
f. Estimate the capacity of a water bottle.
g. Estimate the volume of liquid in a small jar.
h. Estimate the capacity of a bathtub.
i. Estimate the volume of oil in a cooking pan.
j. Estimate the capacity of a water tank.