

PROBLEMS

MD.A.2 Measure and estimate liquid volumes and masses of objects using standard units of grams (g), kilograms (kg), and liters (l).⁶ Add, subtract, multiply, or divide to solve one-step word problems involving masses or volumes that are given in the same units, e.g., by using drawings (such as a beaker with a measurement scale) to represent the problem

OA.D.8 Solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.



The jug can hold 1000 ml of orange juice. After filling the glasses, the jug has 700 ml left. If each glass has the same amount of juice, how much juice is in each glass?



Carolina cuts a piece of wood that is 6 meters long. Lanai cuts a piece that is 4 times longer than Carolina's piece. Miguel cuts a piece of wood that is longer than Carolina's but shorter than Lanai's. Samir cuts a piece of wood that is half the length of Lanai's piece. If the total length of wood pieces is 60 meters, how long is Miguel's piece of wood?



Each car has a width of 2 meters. The space between each car is half a meter. How long is the street?



A bag of concrete weighs 26 Kg. Two bags are needed to make one step. Each side needs 2 and a half bags of concrete. What is the total weight of concrete needed to build these steps?



If the head is 76 mm long, how long is the snake?