Codeyoung

GRADE : 4

UNIT CONVERSION AND OPERATIONS ON CAPACITIES (APPLICATION WORK)

1. A juice box contains 230 ml of juice, and a bottle of juice contains 960 ml. How much more juice is there in the bottle compared to the box?
2. There is a pitcher with 1.5 L of fruit punch. If each paper cup can hold 300ml of punch, how many cups can the pitcher fill up?
3. Bernice made 950 ml of gravy to go with her 5 kg turkey. The capacity of the gravy dish is 540 ml. How much gravy will be left in the pot after Bernice fills up the gravy dish?
4. A water bottle has the capacity of 1.8 L. Emily did not know that there was a crack at the bottom of the bottle and filled up the bottle. Later, she found that only 1.3 L of water was in the bottle. How much water leaked out from the bottle? Answer in millilitres.
5. The camp chef decided to make 160 pancakes for breakfast. According to the recipe, he needs to mix 24 ml of milk and 12 ml of water for each pancake. What is the total volume of the mixture in litters?
6. The capacity of a mixing bowl is 2.3 L, and the capacity of a pot is 2000 ml. Which holds more?
7. John poured 5 L 600 ml of pure pineapple juice and 1L 100 ml of syrup into a container with 2 L 200 ml of water to make pineapple juice. How much pineapple juice was left if John sold 5 L 600 ml of it?
8. The doctor prescribed cough syrup for Ryan to take, 4 doses a day for a week. Each dose is 5 ml of syrup. How much syrup would he take in a day? in a week?
9. The cows on the farm produced 128 L of milk. The farmer sold 63 L to his 4 neighbors and the remaining will be distributed in containers. If each container has a capacity of 5 L, how many containers of milk will the farmer have?
10. The full gasoline tank capacity of a cargo car is 17.5 L. The owner put 15.9 L of gasoline into the tank because it was not empty. How many liters of gas were in the tank of the car before refuelling? Express your answer in liters and millimetres.

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