

Name _____

Converting metric units

Convert between milliliters (mL), liters (L), and cubic meters (m³).

1) A large aquarium has a capacity of 850 L. What is this volume in milliliters? The capacity of the aquarium is 850,000 milliliters.	2) A cylindrical tank has a volume of 3.5 m ³ . What is this volume in liters? The volume of the cylindrical tank is 3,500 liters.
3) A bottle contains 750 mL of juice. Express this volume in liters. The bottle contains 0.75 liters of juice.	4) A container holds 5.2 L of oil. How many milliliters of oil does the container hold? The container holds 5,200 milliliters of oil.
5) Emily bought a 2.5 liter jug of milk. How many milliliters of milk did she purchase? Emily purchased 2500 milliliters of milk.	6) A bottle contains 750 mL of orange juice. Express this volume in liters. The bottle contains 0.75 liters of orange juice.
7) A cylindrical tank has a volume of 4,000 liters. What is this volume in cubic meters? 4 cubic meters.	8) A shampoo bottle holds 350 mL of shampoo. Express this volume in liters. The shampoo bottle holds 0.35 liters of shampoo.
9) A container holds 2.4 liters of cooking oil. How many milliliters of cooking oil does the container hold? The container holds 2400 milliliters of cooking oil.	10) A large tank contains 5,750 liters of oil. Express this volume in cubic meters. 5.75 cubic meters