



Scientific Measurements


Grade 5


Name: _____

Solve scientific measurement problems.


Pay attention to the units (cm, g, L).

Example: A beaker holds 0.45 L. How many mL? $0.45 \times 1000 = 450$ mL

(1) A scientist measures a sample that is 125 centimeters long. How many meters is that? 

(2) A rock sample weighs 2,500 grams. What is its weight in kilograms? 

(3) A beaker contains 750 milliliters of liquid. How many liters is this? 

(4) A lab table is 1.8 meters wide. How many centimeters wide is it? 

(5) An experiment requires 0.4 kilograms of a chemical. How many grams is that?



(6) A bottle holds 2.3 liters of water. How many milliliters does it hold? 💧

(7) An experiment ran for 90 minutes. How many hours did it run? 🕒

(8) A drone flew 0.75 kilometers. How many meters did it fly? 🚁

(9) A very small sample weighs 350 milligrams. What is its weight in grams? 🐜

(10) A scientific observation took 3.25 hours. How many minutes was that? ⌚

