



Scientific Measurements


Grade 3


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 pencil is 10 centimeters long. How many millimeters long is it? 

(2) A scientist measures a table that is 2 meters long. How many centimeters long is the table? 


(3) A small rock weighs 3 kilograms. How many grams does it weigh? 

(4) A beaker holds 5 liters of water. How many milliliters of water does it hold? 

(5) An experiment runs for 2 minutes. How many seconds is that? 

(6) A science class is 1 hour long. How many minutes is the class? 



(7) A short path is 1 kilometer long. How many meters is the path? 

(8) A bag of sand weighs 4000 grams. How many kilograms is that? 

(9) A large bottle contains 6000 milliliters of liquid. How many liters is that? 

(10) A ribbon is 300 centimeters long. How many meters long is the ribbon? 