

Intro to the Metric System

1 Answer these questions.

Which metric unit is 10 times bigger than a meter? _____

Which metric unit is 100 times smaller than a meter? _____

2 Answer these questions.

Which metric unit is 1,000 times bigger than a gram? _____

Which metric unit is 1,000 times smaller than a gram? _____

3 List the abbreviations for each metric unit.

Unit	Abbreviation
kilogram	_____
meter	_____
centimeter	_____
milligram	_____
millimeter	_____

4 How many meters are in each of the following units?

kilometer	_____
hectometer	_____
centimeter	_____
millimeter	_____

5 Convert this metric unit.

2,500 meters

= _____ dekameters

= _____ hectometers

= _____ kilometers

6 Convert this metric unit.

36.2 kilograms

= _____ hectograms

= _____ dekagrams

= _____ grams

7 Convert this metric unit.

0.71 meters

= _____ decimeters

= _____ centimeters

= _____ millimeters

8 Convert this metric unit.

128 milligrams

= _____ centigrams

= _____ decigrams

= _____ grams