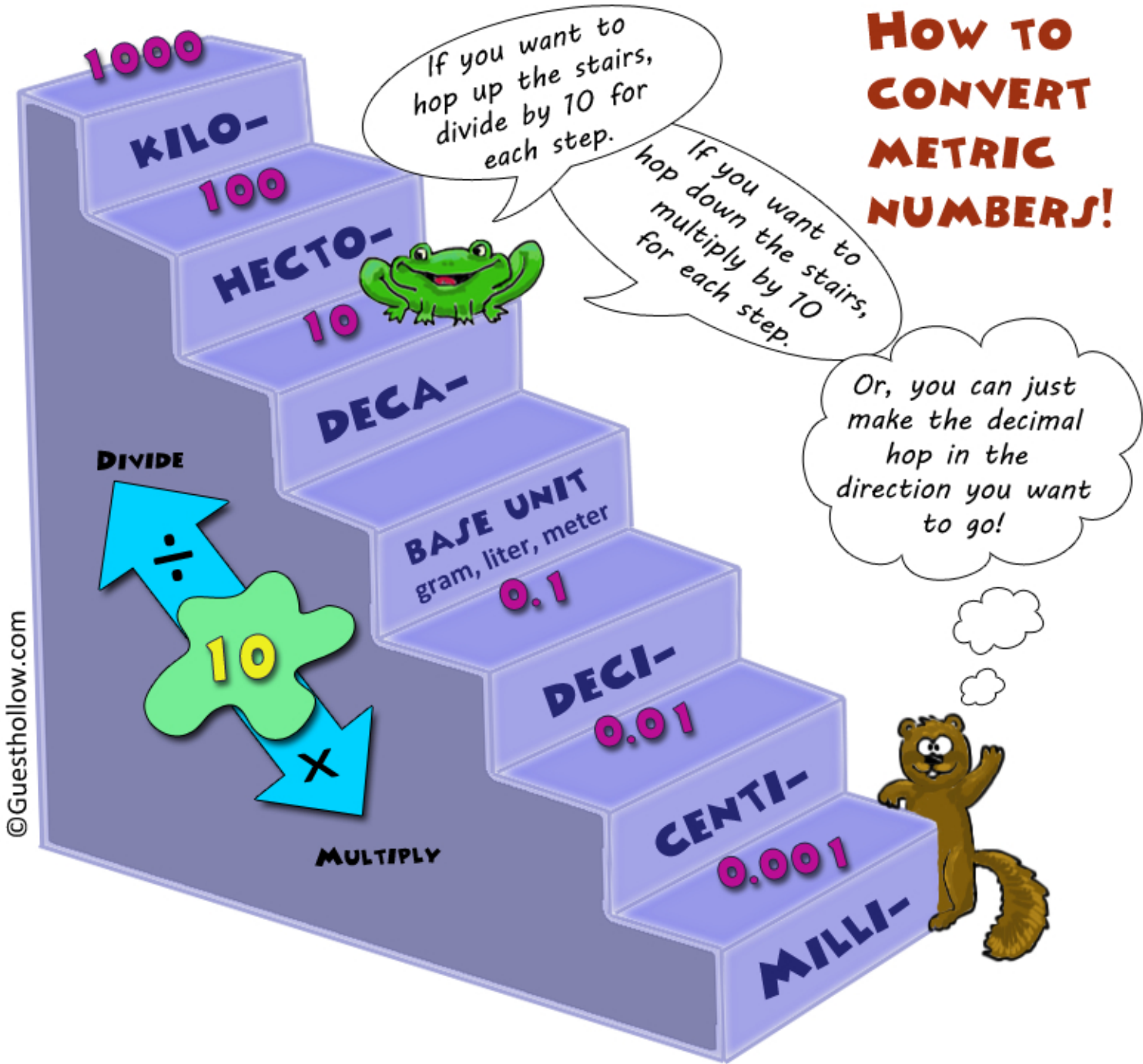


HOW TO CONVERT METRIC NUMBERS!



Frog's way:

EXAMPLE 1

1 kilometer = _____ meters?

It's 3 hops down from the kilometer step to the step with the base unit: meter.

When you go down the stairs you multiply by 10 each hop, so:

$$1 \text{ kilometer} \times 10 \times 10 \times 10 = \underline{1000 \text{ meters}}$$

Squirrel's way:

EXAMPLE 2

1 kilometer = _____ meters?

The decimal point goes right after the 1. It's 3 hops down from the kilometer step to the step with the base unit: meter. Just make the decimal hop down 3 places too and put zeros in the blank spaces:

$$1.\overset{0}{\text{ }}\overset{0}{\text{ }}\overset{0}{\text{ }} = \underline{1000 \text{ meters}}$$

1st hop 2nd hop 3rd hop