INTO
MATH
LEARN IT FAST

GRADE 6 - LESSON 7

DIVIDING DECIMALS.
UNITS OF MEASURE.

DIVIDING DECIMALS

Divide a dividend by a divisor ignoring the decimal point. In a quotient, place the decimal point as soon as the number representing a whole has been fully divided. If the number representing the whole is less than the divisor - the quotient starts with a '0'.

DIVIDING DECIMALS

DIVIDING A DECIMAL BY 10, 100, 1000

Dividing a decimal by 10, 100, 1000 is the same as multiplying it by 0.1, 0.01, or 0.001.
When multiplying a decimal by 0.1, 0.01, 0.001 move the decimal point to the left based on the number of zeros.

DIVIDING DECIMALS

In order to divide a decimal by another decimal, move the decimal point in the dividend to the right as many decimal points as there are in the divisor.
Turn the divisor into a whole number.
Perform the division.

MEASURING LENGTH

The main unit of the measure of length is a METER (m)

The rest of the units of the measure of length can be obtained by multiplying or dividing meters by 10, 100, 1000...
Dividing 1 meter by 10 produces 1 DECImeter; by 100 - 1 CENTImeter, by 1000 - 1 MILImeter.
Multiplying 1 meter by 1000 produces 1 KILOmeter.

MEASURING MASS AND WEIGHT

The main unit of the measure of mass is a KILOGRAM (kg)

The rest of the units of the measure of mass can be obtained by multiplying or dividing kilograms by 10, 100, 1000...
Dividing 1 kilogram by 1000 produces 1 GRAM;
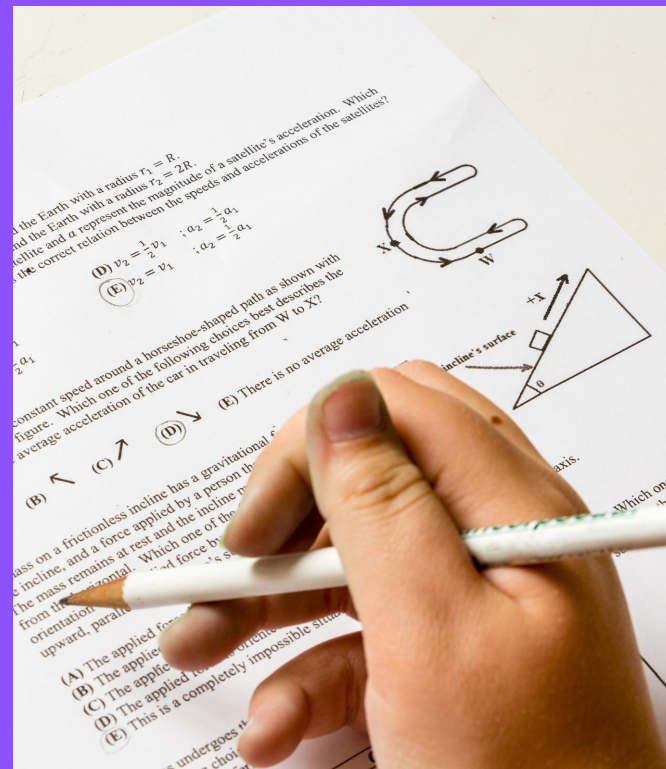Multiplying 1 kilogram by 1000 produces 1 TON.

TRY IT!

Express in meters

- 25dm

- 300 cm

Express in kilograms

- 4 ton 300 kg

- 4600 grams

YOU HAVE COMPLETED GRADE 6 SET!

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YOU ROCK!

With questions, requests or suggestions email us at intomath101@gmail.com

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