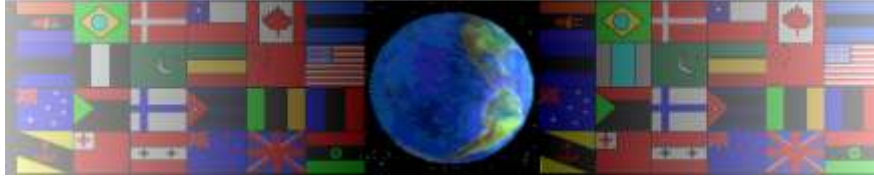


SI UNITS AND OHM'S LAW

V.Ryan © 2000 - 2009

On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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SI UNITS AND OHM'S LAW

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1. What is the full expression for 'SI Units'? Give your answer in both the French and English interpretations.

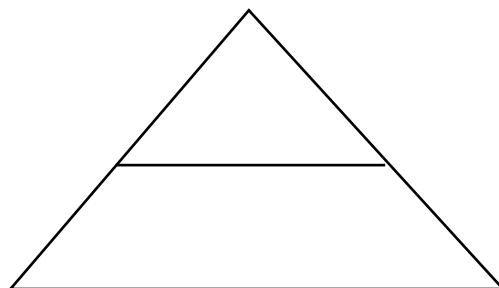
ENGLISH: _____

FRENCH: _____

2. Complete the table seen below by adding the missing prefix, name or meaning.

PREFIX	NAME	MEANING
	tera	multiply by 1 000 000 000 000 (i.e. X 10 ¹²)
G		multiply by 1 000 000 000 (i.e. X 10 ⁹)
	mega	multiply by 1 000 000 (i.e. X 10 ⁶)
k	kilo	
m		divide by 1000 (i.e. X 10 ⁻³)
SI (μ)	micro	
n		divide by 1 000 000 000 (i.e. X10 ⁻⁹)
	pico	divide by 1 000 000 000 000 (i.e. X 10 ⁻¹²)

3. If Voltage = V Resistance = R Current = I - complete the diagram below:



4. What is an insulator? Describe a practical application of an insulator as part of your answer.
