

it is a **MYTH** and or a **FALLACY** of metrication ...

item expression

%

INTRODUCTION

so many of these items are at a minimum almost %100 myth or fallacy . a few might in rare circumstances be only a few percent myth or fallacy . none of these items are however %100 metrological facts . keep a myth or a fallacy from fooling you by checking and knowing facts !

AAT would like to particularly acknowledge USMA regarding the identification of some of the misbeliefs organized on this poster. some useful sources on topics of measure include : the SI (bipm.org) NIST (nist.gov) , AAT ICAS (AAT at aatideas.org) , UKMA , USMA .

GUIDE to WORKSHEET

the third column — % — facilitates a way to rate your reader agreement with how much an expression is a myth or a fallacy of metrication .

%100 = strong agreement that expression denotes a myth or fallacy of metrication .

%50–%99 = agreement that expression is more false than true .

%01–%49 = agreement that expression is more true than false .

%0 = strong disagreement that expression denotes a myth or fallacy of metrication .

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WHO and or WHERE

01	... that the International System of Units is foreign .	
02	... that the English names of SI units need to be referenced in terms of a language other than English .	
03	... that inch-pound-foot measuring words can broadly be referred to as customary units .	
04	... that inch-pound-foot measuring words can broadly be referred to as American units .	
05	... that inch-pound-foot measuring words can broadly be referred to as English units .	
06	... that American civilians only use pre-metric measures .	
07	... that there are mile markers in outer space .	
08	... that there are automobiles in outer space retrofitted with miles-per-hour speed gauges .	
09	... that space travel is conducted by miles-per-hour because of spacecraft design .	
10	... that space travel is conducted by miles-per-hour because of travel planning .	
11	... that American readers only read about measures in terms of pre-metric expressions .	
12	... that American writers only use pre-metric expressions to write about measures .	
13	... that American readers and viewers can only be informed about measure in terms of pre-metric units .	
14	... that American media cannot communicate measures in terms of SI metric .	
15	... that most people only use pre-metric measures .	
16	... that Americans only use pre-metric measures .	
17	... that Americans don't use the metric system .	
18	... that Americans can't update to the metric system .	
19	... that American culture is defined in terms of pre-metric measure .	
20	... that it's a pre-metric world .	

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WHAT

21	... that the same pre-metric words refer as other measures sharing the same pre-metric word with equivalence .	
22	... that an inch is equivalent and traceable to any other inch .	
23	... that a gallon is equivalent and traceable to any other gallon .	
24	... that a mile is equivalent and traceable to any other mile .	
25	... that there is a system of pre-metric measures .	
26	... that a fluid ounce can be considered as an ounce without ever needing to distinguish between a volume and a mass .	
27	... that an ounce can be considered as a fluid ounce without ever needing to distinguish between a mass and a volume .	
28	... that using inch-pound-foot measuring words is as equivalently useful as using SI for determining various measures .	
29	... that inch-pound-foot measures continue to be defined without any reference to SI units .	
30	... that calculating Body Mass Index in terms of SI-metric meter and kilogram requires more calculations than with pre-metric pounds, feet, and inches .	
31	... that re-using obsolete rules for writing about measures with the use of pre-metric words can be considered to be an update without any need to ever refer to SI .	
32	... that writing (or speaking) a numerical figure by itself in terms of pre-metric is clearer to a general reader (or hearer) than writing in terms of SI-metric .	

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HOW

33	... that metrication means conversion .	
34	... that metrication depends on conversion .	
35	... that metrication means planning so many different retrofits .	
36	... that fuel pumps are only built to measure by pre-metric measure .	
37	... that pre-metric measures can only be measured with pre-metric states-of-the-art of measure .	
38	... that pre-metric measuring words should only be used for practical and not figurative expressions .	
39	... that there is only one way of metrication for all types of users .	
40	... that it is easier to use various measures in terms of pre-metric measures .	
41	... that miles-per-hour is by default the clearest manner of comparison for any and all considerations of speed .	
42	... that the pre-metric Fahrenheit scale of temperature is by default the clearest manner of comparison for any and all considerations of temperature .	
43	... that it is easier to use various measures in terms of pre-metric measures .	
44	... that it is easier to compare the uses of various pre-metric measures .	
45	... that using various pre-metric measures ensures the use of known measures .	
46	... that updating to SI metric from pre-metric is difficult and complicated .	
47	... that updating to SI metric from pre-metric is simple and easy .	
48	... that the extent of metrication or of remaining usage of pre-metric measures can be adequately understood by the pre-metric intuitions .	

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WHY

49	... that measure should be a reason not to update to SI .	
50	... that measure should be a reason not to learn more about SI .	
51	... that laws or regulations that might continue to be specified in terms of pre-metric measures depend on pre-metric words more than upon the fundamental needs for the specification of measures .	
52	... that marketing copy is scientific proof of the existence of myths about measuring words .	