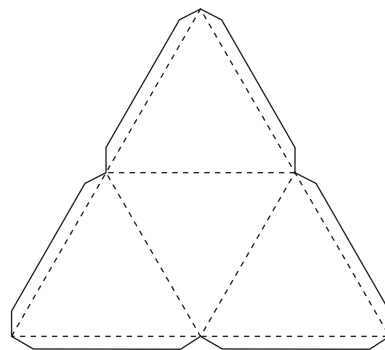


NIST Metric Pyramid

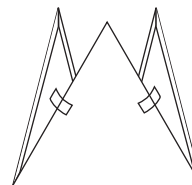
(LC1140 Apr'02)

Reproduction Master

To ensure accurate scale, do not enlarge or reduce. Reproduce one per 11"x8.5" sheet. For best results, reproduce on 110lb index stock, or 67+ lb vellum.



Cut out along outside border. Fold on dotted lines illustrated above.



Fold up sides from base and tape.

Length
 25 mm \approx 1 in
 2.5 cm \approx 1 in
 1 m \approx 3.3 ft
 1 m \approx 39.4 in
 0.91 m \approx 1 yd
 1 km \approx 0.6 mi
 1.6 km \approx 1 mi

Mass or Weight
 28 g \approx 1 oz
 0.45 kg \approx 1 lb
 1 kg \approx 2.2 lb
 1 t \approx 2200 lb (long ton)

NIST Metric Pyramid
 Each edge of the pyramid measures 10 cm or 100 mm.

(LC1140 Apr'02)

Metric Symbols

J	joule
L	liter
mL	milliliter
t	metric ton
kg	kilogram
g	gram
km	kilometer
m ³	cubic meter
m ²	square meter
m	meter
cm	centimeter
mm	millimeter

Volume
 5 mL \approx 1 tsp (1 cl)
 30 mL \approx 1 oz
 240 mL \approx 8 fl oz (1 qt)
 1 L \approx 34 fl oz (1 qt)
 3.8 L \approx 1 U.S. gal
 1 m³ (1000 L) \approx 1.35 cu yd
 700 L (0.7 m³) \approx 1 cu yd

Temperature
 Celsius: 0 to 100
 Fahrenheit: 32 to 212
 C = 5/9 (F-32)
 F = 9/5 C + 32

Area or Surface
 645 mm² \approx 1 in²
 930 cm² \approx 1 ft²
 1 m² \approx 10.8 ft²
 1 hectare \approx 2.5 acre
 1 km² \approx 247 acre
 2.59 km² \approx 1 mi²

Energy
 1055 J \approx 1 BTU
 4190 J \approx 1 calorie (nutrition)
 1 kWh \approx 3.6 MJ



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 Technology Administration, U.S. Department of Commerce