Grade 7 Mathematics Formula Sheet 2009 Mathematics Standards of Learning

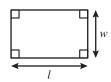
Geometric Formulas



$$A = \frac{1}{2}bh$$



$$p = 4s$$
$$A = s^2$$



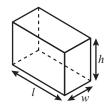
$$p = 2l + 2w$$
$$A = lw$$



$$C = 2\pi r$$

$$C = \pi d$$

$$A = \pi r^2$$



$$V = lwh$$

S.A. = $2lw + 2lh + 2wh$



$$V = \pi r^2 h$$

$$S.A. = 2\pi r^2 + 2\pi r h$$

$$\pi \approx 3.14$$
 $\pi \approx \frac{22}{7}$

Abbreviations

milligram	mg
gram	g
kilogram	kg
milliliter	mL
liter	L
kiloliter	kL
millimeter	mm
centimeter	cm
meter	m
kilometer	km
square centimeter	cm ²
cubic centimeter	cm ³

OZ
lb
qt
gal.
in.
ft
yd
mi.
sq in.
sq ft
cu in.
cu ft

Area	A
Circumference	C
Perimeter	p
Surface Area	S.A.
Volume	V

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