



Massachusetts Comprehensive Assessment System Grade 6 Mathematics Reference Sheet

PERIMETER FORMULAS

perimeter = distance around

square $P = 4s$

rectangle $P = 2b + 2h$
OR
 $P = 2l + 2w$

triangle $P = a + b + c$

AREA FORMULAS

square $A = s \times s$

rectangle $A = bh$
OR
 $A = lw$

parallelogram $A = bh$

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

circle $A = \pi r^2$

VOLUME FORMULAS

rectangular prism $V = lwh$

cube $V = s \times s \times s$
(s = length of an edge)

CIRCLE FORMULAS

$C = 2\pi r$
OR
 $C = \pi d$

$A = \pi r^2$