



Massachusetts Comprehensive Assessment System Grade 5 Mathematics Reference Sheet

PERIMETER (P) FORMULAS

perimeter = distance around

square $P = 4 \times s$
(s = length of a side)

rectangle $P = (2 \times l) + (2 \times w)$
(l = length; w = width)

triangle $P = a + b + c$
(a , b , and c are the lengths of the sides)

VOLUME (V) FORMULAS

rectangular prism $V = l \times w \times h$
(l = length; w = width; h = height)

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

AREA (A) FORMULAS

square $A = s \times s$
(s = length of a side)

rectangle $A = l \times w$
(l = length; w = width)

triangle $A = \frac{1}{2} \times b \times h$
(b = length of the base;
 h = height)