## Massachusetts Comprehensive Assessment System Grade 5 Mathematics Reference Sheet

## CONVERSIONS

$\begin{array}{lll}1 \text { cup }=8 \text { fluid ounces } & 1 \text { mile }=5280 \text { feet } & 1 \text { pound }=16 \text { ounces } \\ 1 \text { pint }=2 \text { cups } & 1 \text { mile }=1760 \text { yards } & 1 \text { ton }=2000 \text { pounds }\end{array}$
1 quart $=2$ pints
1 gallon = 4 quarts

## AREA (A) FORMULAS

square...... $A=s \times s$
(s = length of a side)
rectangle .... $A=b \times h$
( $b=$ length of base; $h=$ height)
OR

$$
A=I \times w
$$

( $I=$ length; $w=$ width $)$

## VOLUME (V) FORMULAS

right rectangular prism ... V $=\| \times w \times h$

$$
\text { (I = length; } w=\text { width; } h=\text { height })
$$

OR

$$
V=B \times h
$$

( $B=$ area of base; $h=$ height)

