PERIMETER FORMULAS

square . . . . $P = 4s$

rectangle . . . . $P = 2b + 2h$
$$\text{OR}$$
$$P = 2l + 2w$$

triangle . . . . $P = a + b + c$

AREA FORMULAS

square . . . . $A = s^2$

rectangle . . . . $A = bh$
$$\text{OR}$$
$$A = lw$$

parallelogram . . . . . $A = bh$

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

trapezoid . . . . $A = \frac{1}{2}h(b_1 + b_2)$

circle . . . . $A = \pi r^2$

TOTAL SURFACE AREA FORMULAS

rectangular prism . . $SA = 2(lw) + 2(hw) + 2(lh)$

cylinder . . . . $SA = 2\pi r^2 + 2\pi rh$

VOLUME FORMULAS

rectangular prism . . . . . . $V = lwh$
$$\text{OR}$$
$$V = Bh$$
$$(B = \text{area of a base})$$

cube . . . . $V = s^3$
$$(s = \text{length of an edge})$$

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

CIRCLE FORMULAS

$C = 2\pi r$
$$\text{OR}$$
$C = \pi d$

$A = \pi r^2$