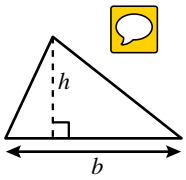
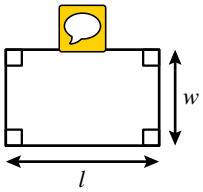
# Geometry Formula Sheet
# 2016 *Mathematics Standards of Learning*

## Geometric Formulas

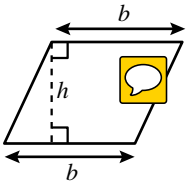



$A = \frac{1}{2}bh$

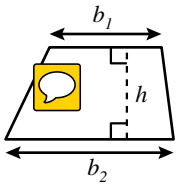



$p = 2l + 2w$

$A = lw$

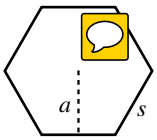



$A = bh$



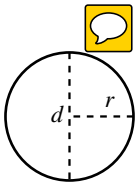

$A = \frac{1}{2}h(b_1 + b_2)$

### Regular Hexagon




$A = \frac{3\sqrt{3}}{2}s^2$

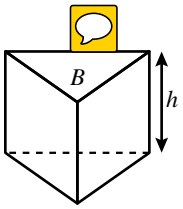
$A = \frac{1}{2}pa$




$C = 2\pi r$

$C = \pi d$

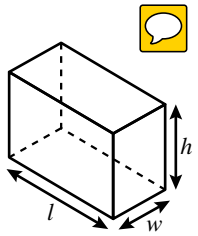
$A = \pi r^2$




$V = Bh$

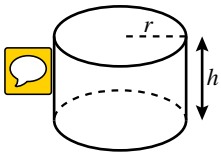
$L.A. = hp$

$S.A. = hp + 2B$




$V = lwh$

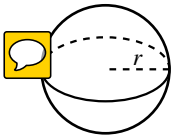
$S.A. = 2lw + 2lh + 2wh$




$V = \pi r^2 h$

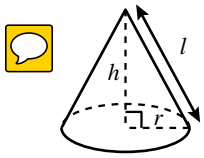
$L.A. = 2\pi rh$

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




$V = \frac{4}{3}\pi r^3$

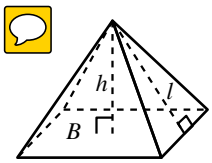
$S.A. = 4\pi r^2$




$V = \frac{1}{3}\pi r^2 h$

$L.A. = \pi rl$

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




$V = \frac{1}{3}Bh$

$L.A. = \frac{1}{2}lp$

$S.A. = \frac{1}{2}lp + B$