

Mathematics Formula Sheet

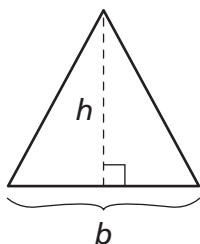
DO NOT WRITE HERE

DO NOT WRITE HERE

DO NOT WRITE HERE

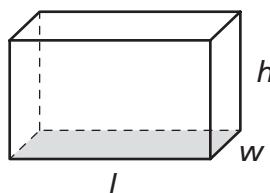
DO NOT WRITE HERE

Triangle



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

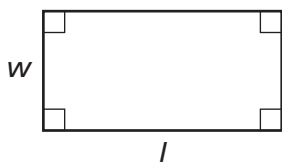
Rectangular Prism



$$V = lwh$$

$$SA = 2lw + 2wh + 2lh$$

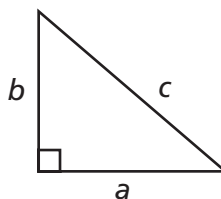
Rectangle



$$A = lw$$

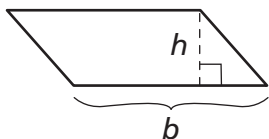
$$P = 2l + 2w$$

Pythagorean theorem



$$a^2 + b^2 = c^2$$

Parallelogram

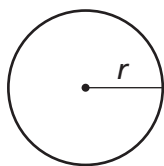


$$A = bh$$

$$\frac{(n-2)}{n} 180$$

Measure of each interior angle of regular polygon (n = number of sides)

Circle



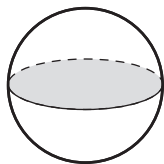
$$A = \pi r^2$$

$$C = 2\pi r$$

distance = rate · time

$$\pi = 3.14 \text{ or } \frac{22}{7}$$

Sphere

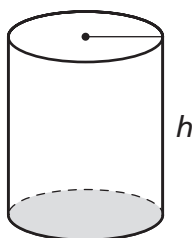


$$V = \frac{4}{3}\pi r^3$$

$$y = mx + b$$

Slope-intercept form of linear equation

Cylinder



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

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

Slope of line