
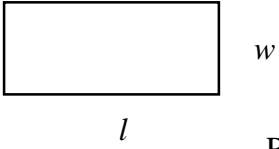
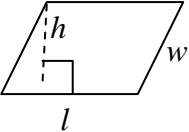
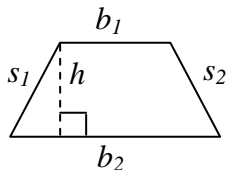
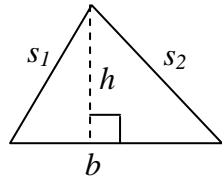
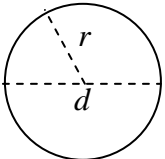
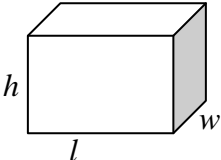
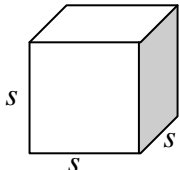
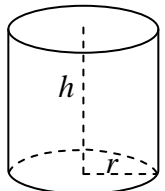
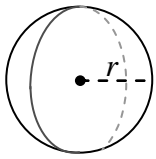
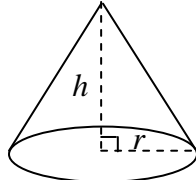
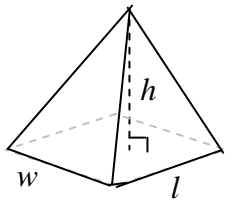
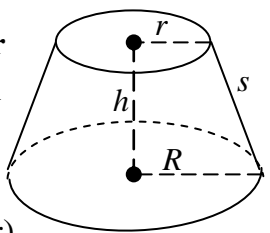
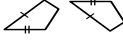

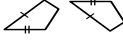

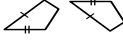



Geometry Formulas Sheet

<p>Square</p>  <p style="text-align: right;">s</p> <p>$A = s^2$ $P = 4s$</p>	<p>Rectangle</p>  <p style="text-align: right;">w</p> <p style="text-align: center;">l</p> <p>$A = lw$</p> <p>$P = 2l + 2w$</p>	<p>Parallelogram</p>  <p style="text-align: right;">w</p> <p style="text-align: center;">l</p> <p>$A = lh$ $P = 2l + 2w$</p>																																
<p>Trapezoid</p>  <p style="text-align: center;">b_1</p> <p style="text-align: center;">b_2</p> <p>$A = \frac{1}{2}h(b_1 + b_2)$</p> <p>$P = s_1 + s_2 + b_1 + b_2$</p>	<p>Triangle</p>  <p style="text-align: center;">b</p> <p>$A = \frac{1}{2}bh$ $P = s_1 + s_2 + b$</p>	<p>Circle</p>  <p style="text-align: center;">r</p> <p style="text-align: center;">d</p> <p>$A = \pi * r^2$</p> <p>$C = 2\pi * r$ or $C = \pi * d$</p>																																
<p>Rectangular Solid</p>  <p style="text-align: right;">h</p> <p style="text-align: center;">l</p> <p style="text-align: right;">w</p> <p>$V = lwh$</p> <p>$S = 2lh + 2wh + 2wl$</p>	<p>Cube</p>  <p style="text-align: right;">s</p> <p style="text-align: center;">s</p> <p style="text-align: right;">s</p> <p>$V = s^3$ $S = 6s^2$</p>	<p>Right Circular Cylinder</p>  <p style="text-align: center;">h</p> <p style="text-align: center;">r</p> <p>$V = \pi * r^2 h$</p> <p>$S = 2\pi * rh + 2\pi * r^2$</p>																																
<p>Sphere</p>  <p style="text-align: center;">r</p> <p>$V = \frac{4}{3}\pi * r^3$ $S = 4\pi * r^2$</p>	<p>Right Circular Cone</p>  <p style="text-align: center;">h</p> <p style="text-align: center;">r</p> <p>$V = \frac{1}{3}\pi * r^2 h$</p> <p>$S = \pi * r\sqrt{r^2 + h^2}$</p>	<p>Square or Rectangular Pyramid</p>  <p style="text-align: right;">h</p> <p style="text-align: center;">w</p> <p style="text-align: right;">l</p> <p>$V = \frac{1}{3}lwh$</p>																																
<p>Right Circular Cone Frustum</p>  <p style="text-align: center;">r</p> <p style="text-align: center;">h</p> <p style="text-align: center;">R</p> <p style="text-align: right;">s</p> <p>$S = \pi * s(R + r)$</p> <p>$V = \frac{\pi(r^2 + rR + R^2)h}{3}$</p>	<p>Geometric Symbols</p> <table style="width: 100%; border: none;"> <tbody> <tr> <td style="width: 30%;">$\angle A$</td> <td>angle A</td> <td style="width: 30%;">\vec{AB}</td> <td>vector AB</td> </tr> <tr> <td>$m \angle A$</td> <td>measure of angle A</td> <td>\perp</td> <td>right angle</td> </tr> <tr> <td>\overline{AB}</td> <td>line segment AB</td> <td>$\overleftrightarrow{AB} \parallel \overleftrightarrow{CD}$</td> <td>Line AB is parallel to line CD.</td> </tr> <tr> <td>AB</td> <td>measure of line</td> <td>$\overleftrightarrow{AB} \perp \overleftrightarrow{CD}$</td> <td>Line AB is perpendicular to line CD.</td> </tr> <tr> <td>\overleftrightarrow{AB}</td> <td>segment AB line AB</td> <td>$\angle A \cong \angle B$</td> <td>Angle A is congruent to angle B.</td> </tr> <tr> <td>$\triangle ABC$</td> <td>triangle ABC</td> <td>$\triangle A \sim \triangle B$</td> <td>Triangle A is similar to triangle B.</td> </tr> <tr> <td>$\square ABCD$</td> <td>rectangle ABCD</td> <td></td> <td>Similarly marked segments are congruent.</td> </tr> <tr> <td>$\parallel ABCD$</td> <td>parallelogram ABCD</td> <td></td> <td>Similarly marked angles are congruent.</td> </tr> </tbody> </table>		$\angle A$	angle A	\vec{AB}	vector AB	$m \angle A$	measure of angle A	\perp	right angle	\overline{AB}	line segment AB	$\overleftrightarrow{AB} \parallel \overleftrightarrow{CD}$	Line AB is parallel to line CD.	AB	measure of line	$\overleftrightarrow{AB} \perp \overleftrightarrow{CD}$	Line AB is perpendicular to line CD.	\overleftrightarrow{AB}	segment AB line AB	$\angle A \cong \angle B$	Angle A is congruent to angle B.	$\triangle ABC$	triangle ABC	$\triangle A \sim \triangle B$	Triangle A is similar to triangle B.	$\square ABCD$	rectangle ABCD		Similarly marked segments are congruent.	$\parallel ABCD$	parallelogram ABCD		Similarly marked angles are congruent.
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