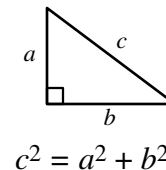
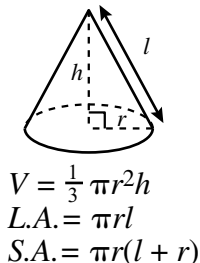
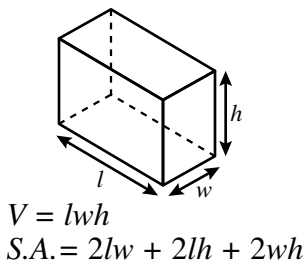
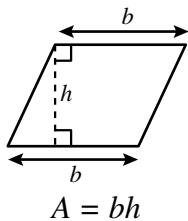
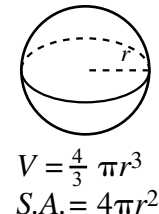
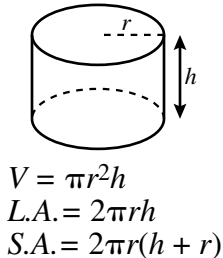
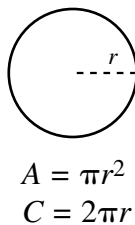
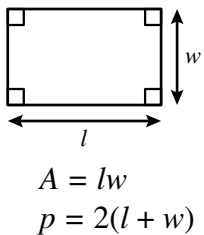
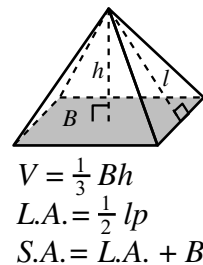
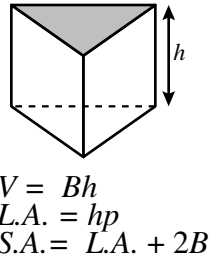
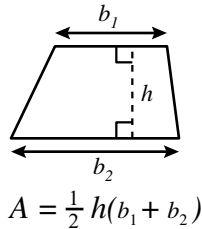
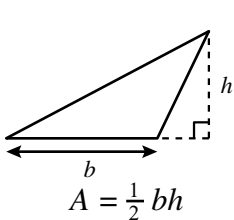


Geometry Formula Sheet

Geometric Formulas



Geometric Symbols

Example	Meaning	Example	Meaning
$\angle A$	angle A	\overrightarrow{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 segment AB	$\overleftrightarrow{AB} \perp \overleftrightarrow{CD}$	Line AB is perpendicular to line CD.
\overleftrightarrow{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.

Abbreviations

Volume	V
Lateral Area	L.A.
Total Surface Area	S.A.
Area of Base	B

Pi

$$\pi \approx 3.14$$

$$\pi \approx \frac{22}{7}$$