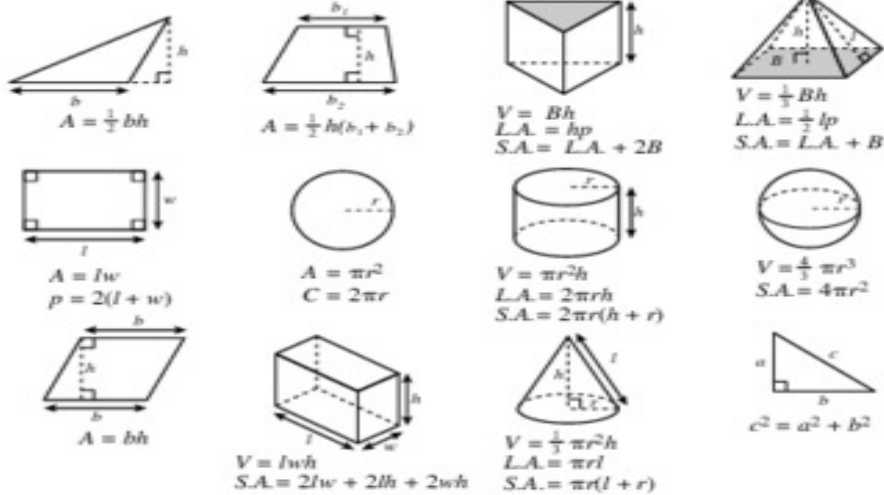


## Geometry Formula Sheet

### Geometric Formulas



### Geometric Symbols

Example	Meaning	Example	Meaning
$\angle A$	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 segment $AB$	$\overleftrightarrow{AB} \perp \overleftrightarrow{CD}$	Line $AB$ is perpendicular to line $CD$ .
$\overleftrightarrow{AB}$	line $AB$	$\angle A = \angle B$	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 $ABCD$	$\cong$	Similarly marked segments are congruent.
$\parallel\! \! \! / ABCD$	parallelogram $ABCD$	$\sphericalangle$	Similarly marked angles are congruent.

### Abbreviations

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

### Pi

$$\pi \approx 3.14$$

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