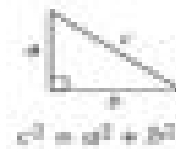
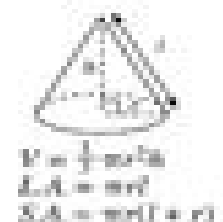
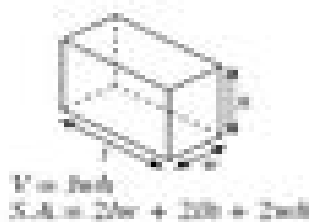
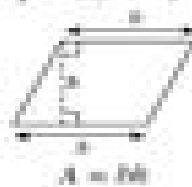
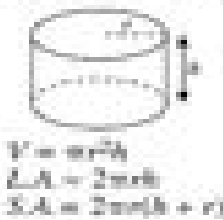
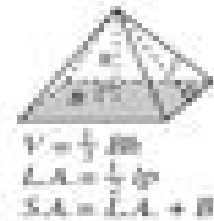
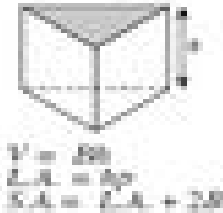
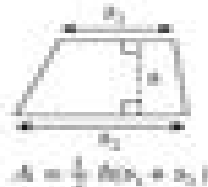
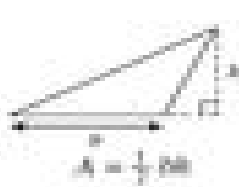


Geometry Formula Sheet

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 | $\overline{AB} \parallel \overline{CD}$ | Line AB is parallel to line CD. |
| $\perp AB$ | measure of line segment AB | $\overline{AB} \perp \overline{CD}$ | 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 | | 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 |

π

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