| Formula List |  |  |
| :---: | :---: | :---: |
| Name of Formula | Diagram | Formula |
| area of a square | $A=s^{2}$ |  |
| area of a rectangle | area | $A=l w$ |
| area of a trapezoid |  | $A=\frac{1}{2}(a+b) h$ |
| area of a triangle | area of a circle |  |


| surface area of a rectangular solid |  | $S A=2 l w+2 l h+2 w h$ |
| :---: | :---: | :---: |
| volume of a rectangular solid |  | $V=l w h$ |
| surface area of a sphere |  | $S A=4 \pi r^{2}$ |
| volume of a sphere |  | $V=\frac{4}{3} \pi r^{3}$ |
| surface area of a cone |  | $S A=\pi r s+\pi r^{2}$ |
| volume of a cone |  | $V=\frac{1}{3} \pi r^{2} h$ |
| surface area of a cylinder | $h$ | $S A=2 \pi r h+2 \pi r^{2}$ |
| volume of a cylinder |  | $V=\pi r^{2} h$ |
| surface area of a pyramid |  | $S A=2 b s+b^{2}$ |
| volume of a pyramid |  | $V=\frac{1}{3} b^{2} h$ |

