**Formula**

| **Geometry** | | | |
|---|---|---|---|
| **Calculation of area** | | | |
| **Square** | $A = a^2$ | **Cube** | $V = a^3$ |
| **Trapezium** | $A = \frac{a + b}{2} \bullet h$ | **Cylinder** | $V = A \cdot h$<br>$= \frac{\pi \cdot d^2}{4} \cdot h$ |
| **Triangle** | $A = \frac{g \cdot h}{2}$ | **Pyramid** | $V = \frac{A \cdot h}{3}$ |
| **Circle** | $A = \frac{\pi \cdot d^2}{4}$<br>$U = \pi \cdot d$ | **Frustum of Pyramid** | $V = \frac{h}{3} (A_1 + A_2 + \sqrt{A_1 \cdot A_2})$ |
| **Annulus** | $A = \frac{\pi}{4} (D^2 - d^2)$ | **Cone** | $V = 1/3 A \cdot h$<br>$= \frac{d^2 \cdot \pi \cdot h}{12}$ |
| **Segment of a circle** | $A = \frac{b \cdot r}{2} - \frac{s (r - h)}{2}$ | **Prism** | $V = A \cdot h$ |
| **Ellipse** | $A = \frac{d \cdot D \cdot \pi}{4}$<br>$U \approx \frac{D + d}{2} \cdot \pi$ | **Ball** | $V = \frac{\pi}{6} \cdot d^3$<br>$O = \pi \cdot d^2$ |