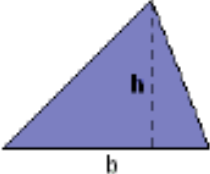


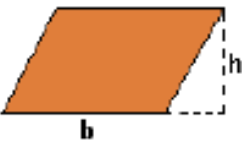
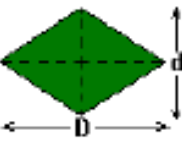
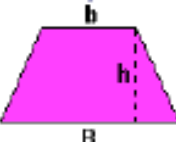
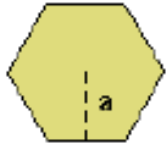
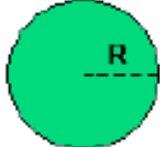




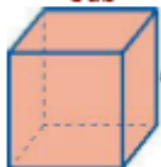
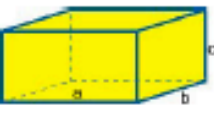

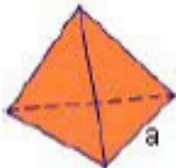

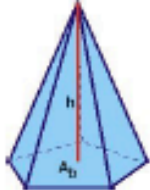
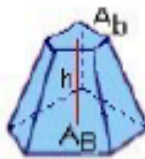
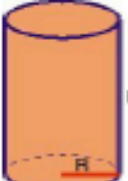
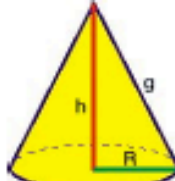
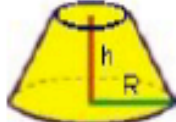
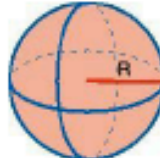



# ÀREES I VOLUMS

Àrees de figures planes		
<p><i>Triangle</i></p>  <p><math>A = \frac{bh}{2}</math></p>	<p><i>Quadrat</i></p>  <p><math>A = l^2</math></p>	<p><i>Rectangle</i></p>  <p><math>A = b \cdot h</math></p>
<p><i>Romboide</i></p>  <p><math>A = b \cdot h</math></p>	<p><i>Rombe</i></p>  <p><math>A = \frac{D \cdot d}{2}</math></p>	<p><i>Trapezi</i></p>  <p><math>A = \frac{b+B}{2} \cdot h</math></p>
<p><i>Polígon regular</i></p>  <p><math>A = \frac{pa}{2}</math> <i>p = perímetre</i></p>	<p><i>Cercle</i></p>  <p><math>A = \pi \cdot R^2</math> (<math>L = 2\pi \cdot R</math>)</p>	<p><i>Corona circular</i></p>  <p><math>A = \pi \cdot (R^2 - r^2)</math></p>
<p><i>Sector circular</i></p>  <p><math>A = \frac{\pi R^2}{360^\circ} \cdot n^\circ</math> (<math>L = \frac{\pi R}{180^\circ} \cdot n^\circ</math>)</p>	<p><i>Segment circular</i></p>  <p><math>A = \frac{(\pi - 2)R^2}{4}</math> quan <math>n^\circ = 90^\circ</math></p>	<p><i>Trapezi circular</i></p>  <p><math>A = \frac{\pi(R^2 - r^2)}{360^\circ} \cdot n^\circ</math></p>
Àrees i volums de figures en l'espai		
<p><i>Cub</i></p>  <p><math>A = 6 \cdot a^2</math> <math>V = a^3</math></p>	<p><i>Ortòedre</i></p>  <p><math>A = 2 \cdot (ab + bc + ca)</math> <math>V = a \cdot b \cdot c</math></p>	<p><i>Prisma recte</i></p>  <p><math>A = p \cdot (h + a)</math> <math>V = A_B \cdot h</math> <i>a = apotema base</i> <i>p = perímetre base</i></p>
<p><i>Tetraèdre regular</i></p>  <p><math>A = a^2 \cdot \sqrt{3}</math> <math>V = \frac{a^3 \cdot \sqrt{2}}{12}</math></p>	<p><i>Octàedre regular</i></p>  <p><math>A = 2a^2 \cdot \sqrt{3}</math> <math>V = \frac{a^3 \cdot \sqrt{2}}{3}</math></p>	<p><i>Piràmide recta</i></p>  <p><math>A = p \cdot (a + a')</math> <math>V = A_B \cdot h</math></p>
<p><i>Tronc de piràmide</i></p>  <p><math>A = \frac{1}{2} (p + p') \cdot a + A_B + A_b</math> <math>V = \frac{1}{3} h \cdot [A_B + A_b + \sqrt{A_B \cdot A_b}]</math></p>	<p><i>Cilindre</i></p>  <p><math>A = 2\pi R \cdot (h + R)</math> <math>V = \pi R^2 \cdot h</math></p>	<p><i>Con</i></p>  <p><math>A = \pi R \cdot (g + R)</math> <math>V = \frac{1}{3} \pi R^2 \cdot h</math></p>
<p><i>Tronc de con</i></p>  <p><math>A = \pi [g \cdot (R + r) + R^2 + r^2]</math> <math>V = \frac{1}{3} \pi h \cdot [R^2 + r^2 + R \cdot r]</math></p>	<p><i>Esfera</i></p>  <p><math>A = 4\pi R^2</math> <math>V = \frac{4}{3} \pi R^3</math></p>	<p><i>Casquet esfèric</i></p>  <p><math>A = 2\pi R \cdot h</math> <math>V = \frac{1}{3} \pi h^2 \cdot (3R - h)</math></p>

