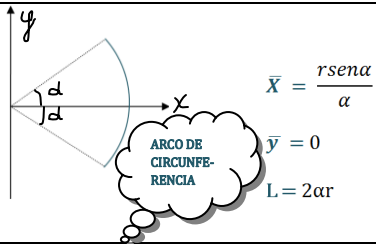
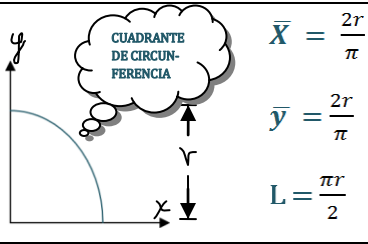
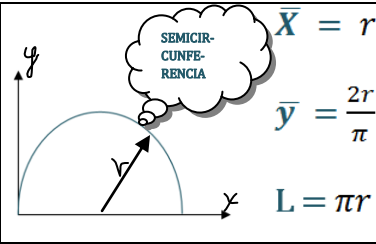
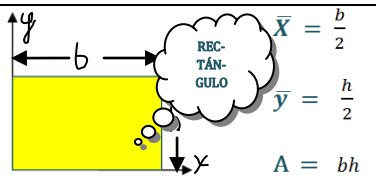
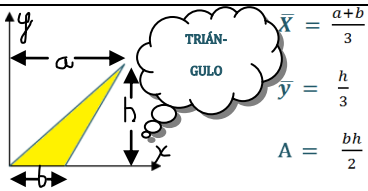
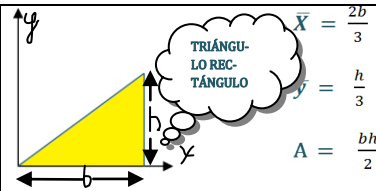

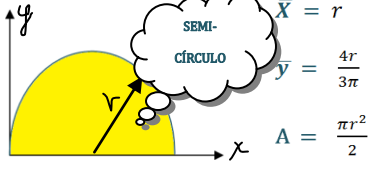

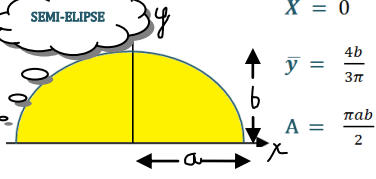
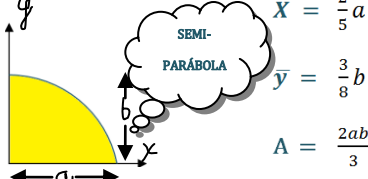
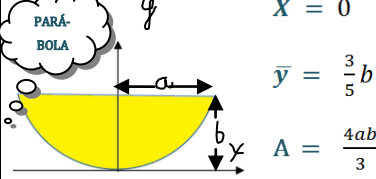
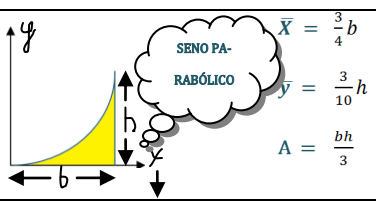
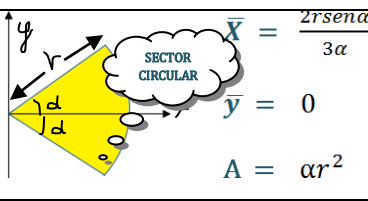
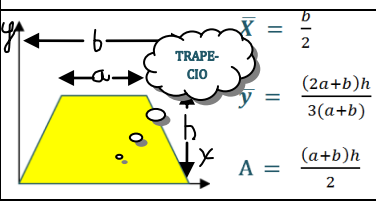
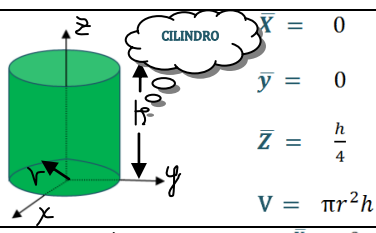
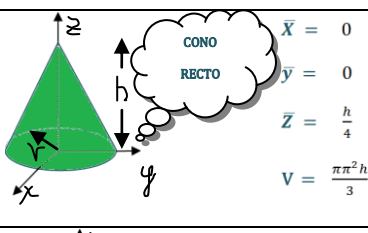
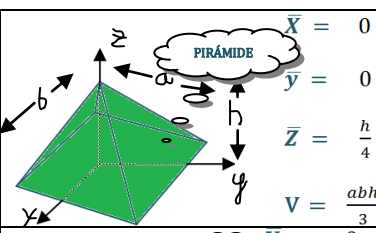
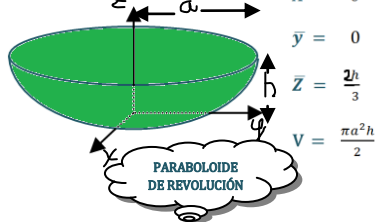
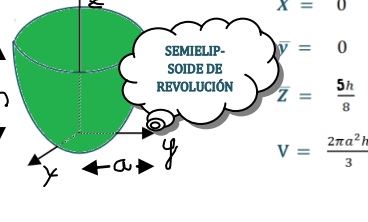
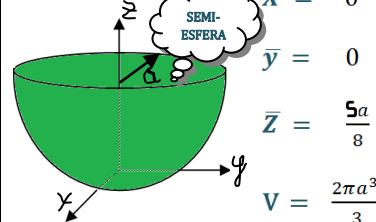


TABLA DE CENTROIDES

CENTROIDES DE LÍNEA		
 <p>ARCO DE CIRCUNFERENCIA</p> $\bar{x} = \frac{r \text{sen } \alpha}{\alpha}$ $\bar{y} = 0$ $L = 2\alpha r$	 <p>CUADRANTE DE CIRCUNFERENCIA</p> $\bar{x} = \frac{2r}{\pi}$ $\bar{y} = \frac{2r}{\pi}$ $L = \frac{\pi r}{2}$	 <p>SEMICIRCUNFERENCIA</p> $\bar{x} = r$ $\bar{y} = \frac{2r}{\pi}$ $L = \pi r$
CENTROIDES DE ÁREA		
 <p>RECTÁNGULO</p> $\bar{x} = \frac{b}{2}$ $\bar{y} = \frac{h}{2}$ $A = bh$	 <p>TRIÁNGULO</p> $\bar{x} = \frac{a+b}{3}$ $\bar{y} = \frac{h}{3}$ $A = \frac{bh}{2}$	 <p>TRIÁNGULO RECTÁNGULO</p> $\bar{x} = \frac{2b}{3}$ $\bar{y} = \frac{h}{3}$ $A = \frac{bh}{2}$
 <p>CUADRANTE DE CÍRCULO</p> $\bar{x} = \frac{4r}{3\pi}$ $\bar{y} = \frac{4r}{3\pi}$ $A = \frac{\pi r^2}{4}$	 <p>SEMI-CÍRCULO</p> $\bar{x} = r$ $\bar{y} = \frac{4r}{3\pi}$ $A = \frac{\pi r^2}{2}$	 <p>CUADRANTE ELÍPTICO</p> $\bar{x} = \frac{4b}{3\pi}$ $\bar{y} = \frac{4a}{3\pi}$ $A = \frac{\pi ab}{4}$
 <p>SEMI-ELIPSE</p> $\bar{x} = 0$ $\bar{y} = \frac{4b}{3\pi}$ $A = \frac{\pi ab}{2}$	 <p>SEMI-PARÁBOLA</p> $\bar{x} = \frac{2}{5}a$ $\bar{y} = \frac{3}{8}b$ $A = \frac{2ab}{3}$	 <p>PARÁBOLA</p> $\bar{x} = 0$ $\bar{y} = \frac{3}{5}b$ $A = \frac{4ab}{3}$
 <p>SENO PARABÓLICO</p> $\bar{x} = \frac{3}{4}b$ $\bar{y} = \frac{3}{10}h$ $A = \frac{bh}{3}$	 <p>SECTOR CIRCULAR</p> $\bar{x} = \frac{2r \text{sen } \alpha}{3\alpha}$ $\bar{y} = 0$ $A = \alpha r^2$	 <p>TRAPEZIO</p> $\bar{x} = \frac{b}{2}$ $\bar{y} = \frac{(2a+b)h}{3(a+b)}$ $A = \frac{(a+b)h}{2}$
CENTROIDES DE VOLUMEN		
 <p>CILINDRO</p> $\bar{x} = 0$ $\bar{y} = 0$ $\bar{z} = \frac{h}{4}$ $V = \pi r^2 h$	 <p>CONO RECTO</p> $\bar{x} = 0$ $\bar{y} = 0$ $\bar{z} = \frac{h}{4}$ $V = \frac{\pi r^2 h}{3}$	 <p>PIRÁMIDE</p> $\bar{x} = 0$ $\bar{y} = 0$ $\bar{z} = \frac{h}{4}$ $V = \frac{abh}{3}$
 <p>PARABOLOIDE DE REVOLUCIÓN</p> $\bar{x} = 0$ $\bar{y} = 0$ $\bar{z} = \frac{2h}{3}$ $V = \frac{\pi a^2 h}{2}$	 <p>SEMI-ELIPSOIDE DE REVOLUCIÓN</p> $\bar{x} = 0$ $\bar{y} = 0$ $\bar{z} = \frac{5h}{8}$ $V = \frac{2\pi a^2 h}{3}$	 <p>SEMI-ESFERA</p> $\bar{x} = 0$ $\bar{y} = 0$ $\bar{z} = \frac{5a}{8}$ $V = \frac{2\pi a^3}{3}$

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