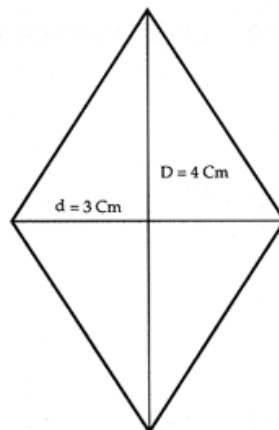
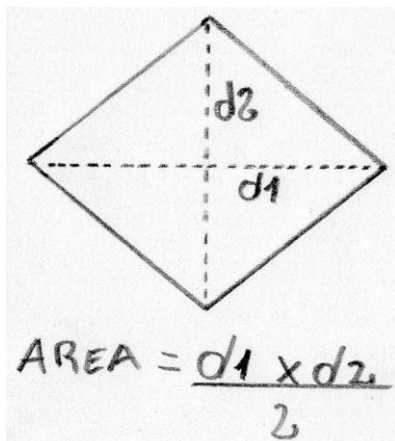
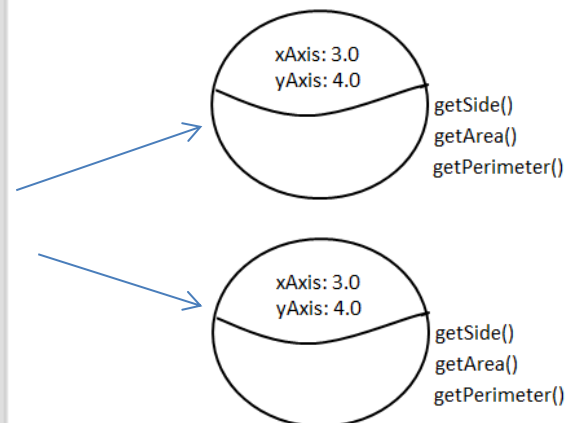


Figura geométrica: Rombo

Rhombus
- xAxis : double - yAxis : double
+ Rhombus(xAxis : double, yAxis : double) + Rhombus() + getXAxis() : double + setXAxis(xAxis : double) : void + getYAxis() : double + setYAxis(yAxis : double) : void + getSide() : double + getArea() : double + getPerimeter() : double + toString() : String + equals(o : Object) : boolean + hashCode() : int

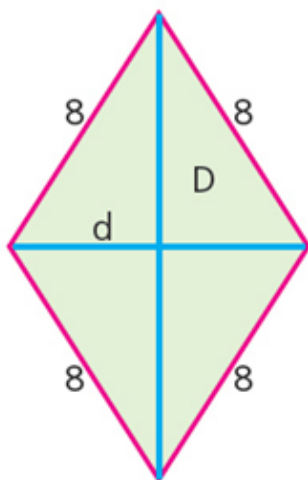


$$A = \frac{D \cdot d}{2}$$

$$A = \frac{(4 \text{ cm}) (3 \text{ cm})}{2}$$

$$A = \frac{12 \text{ cm}^2}{2}$$

$$A = 6 \text{ cm}^2$$



Fórmulas

$$P = l \times 4$$

Solución

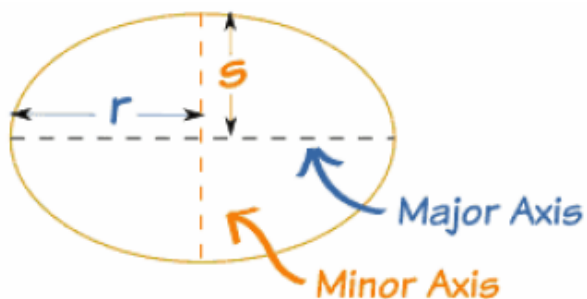
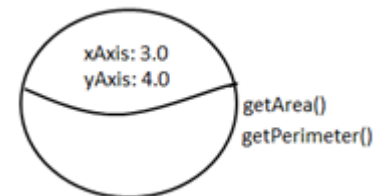
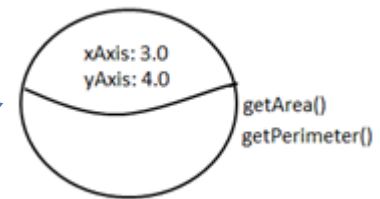
$$P = 8 \text{ cm} \times 4 = 32 \text{ cm}$$

$$a^2 = \left(\frac{D}{2}\right)^2 + \left(\frac{d}{2}\right)^2$$

$$a = \sqrt{\left(\frac{D}{2}\right)^2 + \left(\frac{d}{2}\right)^2}$$

Figura geométrica: Elipse

Ellipse
- xAxis : double - yAxis : double
+ Ellipse(xAxis : double, yAxis : double) + Ellipse() + getXAxis() : double + setXAxis(xAxis : double) : void + getYAxis() : double + setYAxis(yAxis : double) : void + getArea() : double + getPerimeter() : double + toString() : String + equals(o : Object) : boolean + hashCode() : int



$$A = \pi * r * s$$

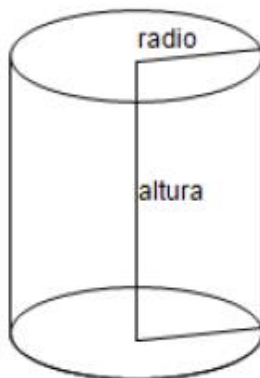
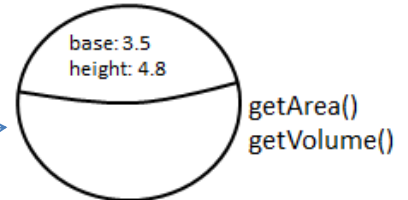
$$P = 2\pi \sqrt{\frac{r^2 + s^2}{2}}$$

$$Perimetro \approx 2\pi \cdot \sqrt{\frac{R_1^2 + R_2^2}{2}}$$

siendo R_1 y R_2 los semiejes máximo y mínimo de la elipse

Figura geométrica: Cilindro

Cylinder
- radius : double - height : double
+ Cylinder(radius : double, height : double) + Cylinder() + getRadius() : double + setRadius(radius : double) : void + getHeight() : double + setHeight(height : double) : void + getArea() : double + getVolume() : double + toString() : String + equals(o : Object) : boolean + hashCode() : int

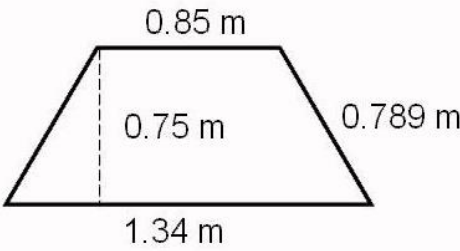
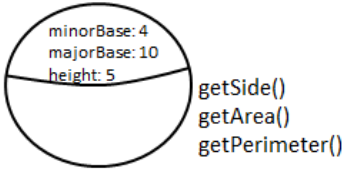


$$A = 2\pi r \cdot h + 2\pi r^2$$

$$V = \pi r^2 \cdot h$$

Figura geométrica: Trapecio

Trapezium
- minorBase : double - majorBase : double - height : double
+ Trapezium(minorBase : double, majorBase : double, height : double) + Trapezium() + getMinorBase() : double + setMinorBase(minorBase : double) : void + getMajorBase() : double + setMajorBase(majorBase : double) : void + getHeight() : double + setHeight(height : double) : void + getSide() : double + getArea() : double + getPerimeter() : double + toString() : String + equals(o : Object) : boolean + hashCode() : int



Datos	Fórmula	Sustitución	Resultado
$l = 0.789m$	$P = 2l + B + b$	$P = 2(0.789) + 1.34 + 0.85$	
$b = 0.85m$		$P = 1.578 + 1.34 + 0.85$	$P = 3.768m$
$B = 1.34m$			
$h = 0.75m$			

