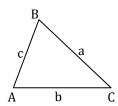
PERÍMETROS

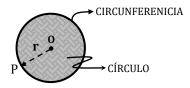


Perímetro del $\triangle ABC$: $p(\triangle ABC)$



$$p(\Delta ABC) = a + b + c$$

CIRCUNFERENCIA:



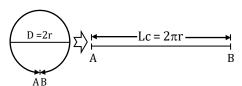
Por lo tanto:

- La circunferencia tiene longitud, más no área.
- El círculo tiene área y su perímetro es la longitud de su circunferencia.



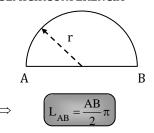
LONGITUD DE LA CIRCUNFERENCIA (Lc)



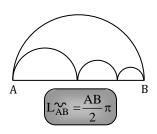


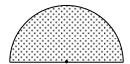
PROPIEDADES

1. LONGITUD DE EN FUNCIÓN AL DIÁMETRO DE UNA SEMICIRCUNFERENCIA

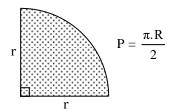


2. LONGITUD DE UNA LÍNEA CURVA FORMADA POR SEMICIRCUNFERENCIAS

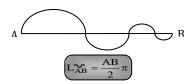




$$P = \frac{\pi.D}{2}$$



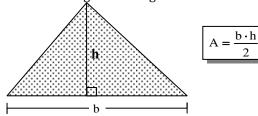
PERIMETRO DE LA CULEBRITA



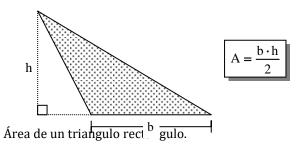
Áreas de Regiones Ceométricas

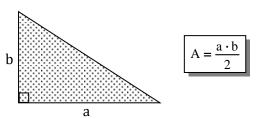
ÁREAS DE REGIONES TRIÁNGULARES

* Para un triángulo acutángulo

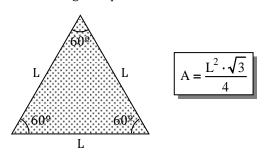


* Para un triángulo obtusángulo



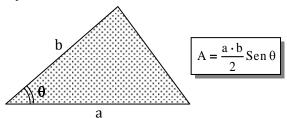


Área de un triángulo equilátero conociendo su lado.



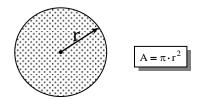
PROFESOR GAMARRA

Área de un triangulo conociendo 2 lados y el ángulo comprendido.

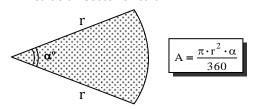


ÁREAS DE REGIONES CIRCULARES

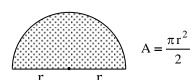
Área de un círculo.

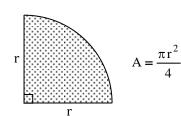


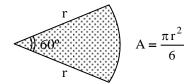
Área de un sector circular.

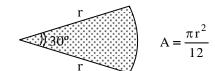


NOTA

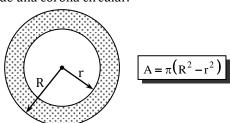






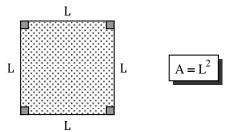


Área de una corona circular.

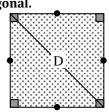


ÁREAS DE REGIONES CUADRANGULARES

Área de un cuadrado conociendo su lado.

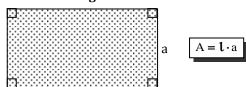


Área de un cuadrado conociendo su diagonal.

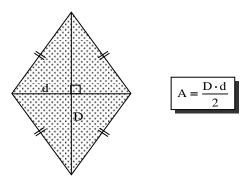


$$A = \frac{D^2}{2}$$

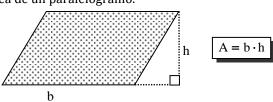
Área de un rectángulo.



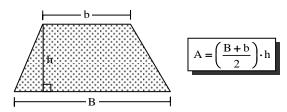
Área de un rombo.



Área de un paralelogramo.

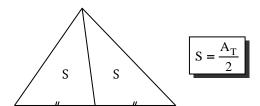


Área de un trapecio.

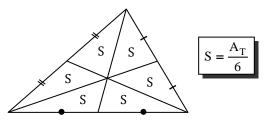


PROPIEDADES

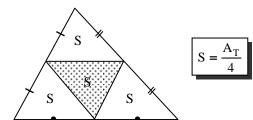




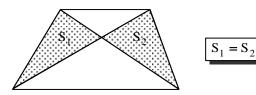
2.-



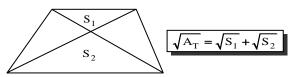
3.-



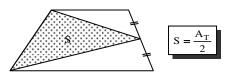
4.- En un trapecio.



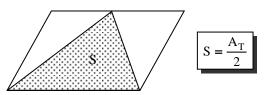
5.- En un trapecio.



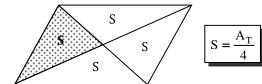
6.- En un trapecio.



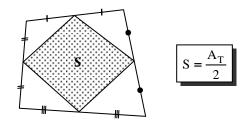
7.- En un paralelogramo.



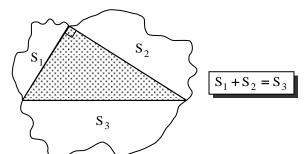
8.- En un paralelogramo.



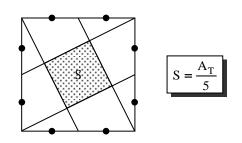
9.- En un cuadrilátero.



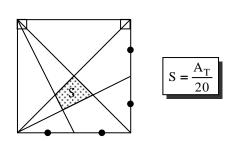
11.- Para áreas semejantes.



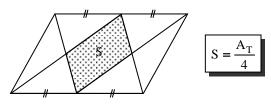
12.-



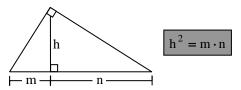
13.-



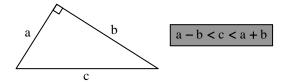
15.- En un paralelogramo.



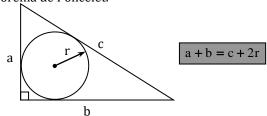
RELACIONES MÉTRICAS EN UN TRIÁNGULO RECTÁNGULO.



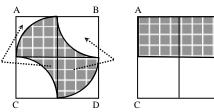
PROFESOR GAMARRA



Teorema de Poncelet.

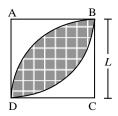


AREA DE LA ACHITA



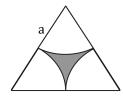
$$S_{sombreada} = \boxed{\frac{a^2}{2}}$$

AREA DE LA HOJA



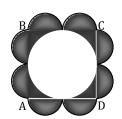
$$S_{\text{sombreada}} = \frac{L^2}{2} (\pi - 2)$$

AREA DE LA TANGUITA



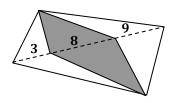
Área=
$$\frac{a^2}{2}(2\sqrt{3} - \pi)$$

AREA DE LA FLORCITA



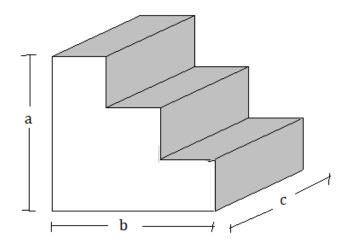
Área=
$$L^2$$

AREAS PROPORCIONALES A LA CTE



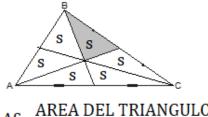
AT = 3K + 8K + 9KAT = 20K

EN LA FIGURA. HALLAR EL AREA DE LA REGIÓN SOMBREADA.



AREA = (a+b).c

ÁREA SOMBREADA DEL TRIANGULO



AS= AREA DEL TRIANGULO