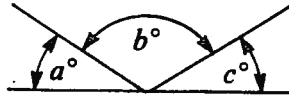
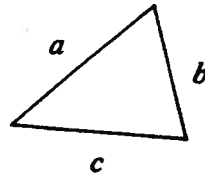


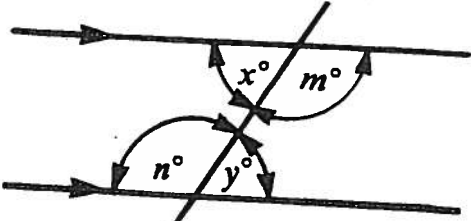
$$x^\circ = y^\circ; m^\circ = n^\circ$$



$$a^\circ + b^\circ + c^\circ = 180^\circ$$



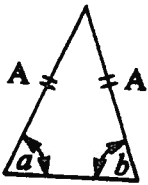
$$a + b > c$$



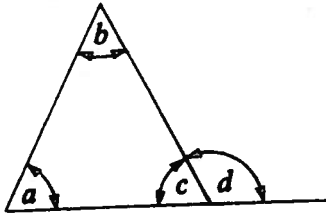
$$x^\circ = y^\circ; m^\circ = n^\circ; x^\circ + m^\circ = 180^\circ; n^\circ + y^\circ = 180^\circ; y^\circ + m^\circ = 180^\circ; n^\circ + x^\circ = 180^\circ$$



If  $\angle B > \angle A$  then  $b > a$

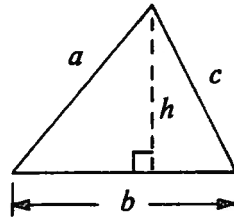


$$a = b$$



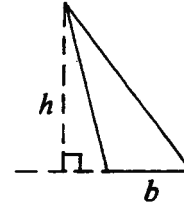
$$a + b + c = 180^\circ; c + d = 180^\circ$$

$$\text{Thus } a + b = d$$

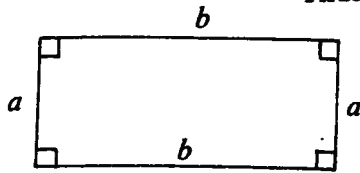


$$\text{Area} = \frac{1}{2}hb$$

$$\text{Perimeter} = a + b + c$$

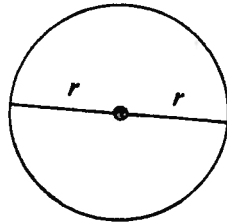


$$\text{Area} = \frac{1}{2}hb$$



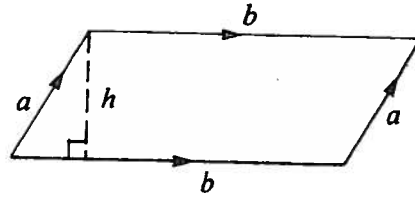
$$\text{Area} = a \times b$$

$$\text{Perimeter} = 2a + 2b$$



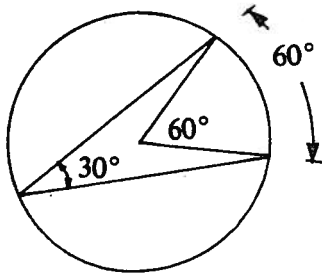
$$\text{Area} = \pi r^2; (\pi \text{ is about } 3.14)$$

$$\text{Circumference (Perimeter)} = 2\pi r$$



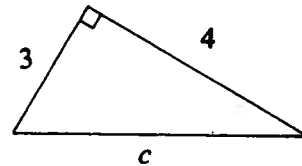
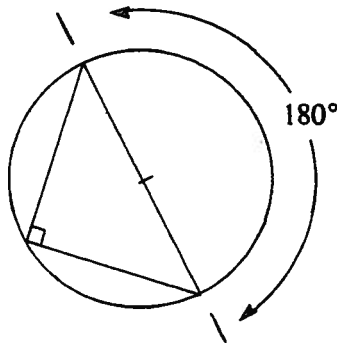
$$\text{Area} = hb;$$

$$\text{Perimeter} = 2a + 2b$$

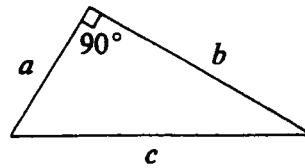


$$30^\circ = \frac{1}{2} 60^\circ$$

(Angle is  $\frac{1}{2}$  intercepted arc)



$$3^2 + 4^2 = 25 = c^2; c = 5$$



$$a^2 + b^2 = c^2$$

