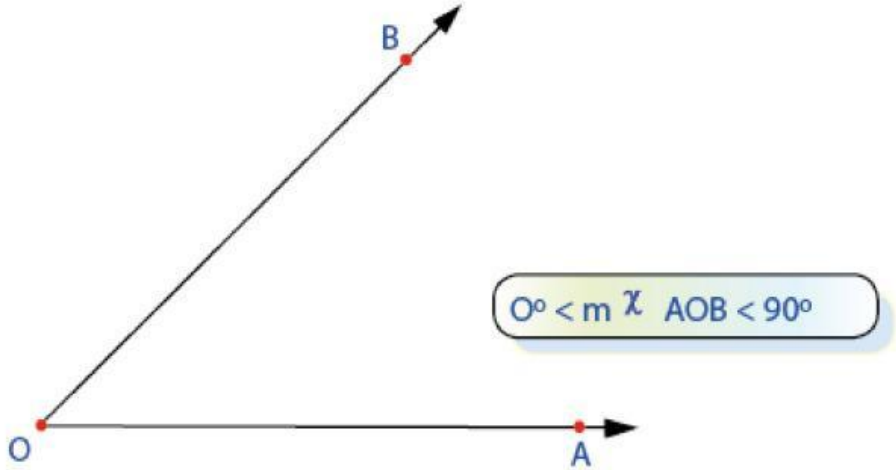
INSTITUCIÓN EDUCATIVA N°40525
SAN SANTIAGO
PUYCA – LA UNIÓN - AREQUIPA

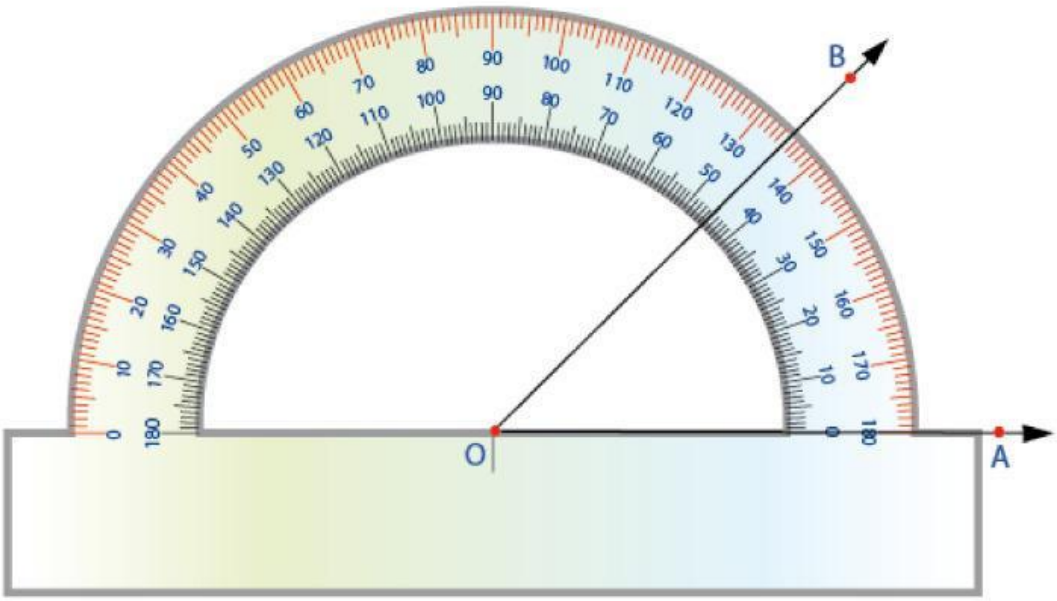
FICHA INTERACTIVA MATEMÁTICA– 5°

Clasificación de los ángulos

1. Ángulo Nulo: Cuando sus dos lados coinciden, su medida es 0º.

2. Ángulo Agudo: Su medida es menor que 90º y mayor que 0º.



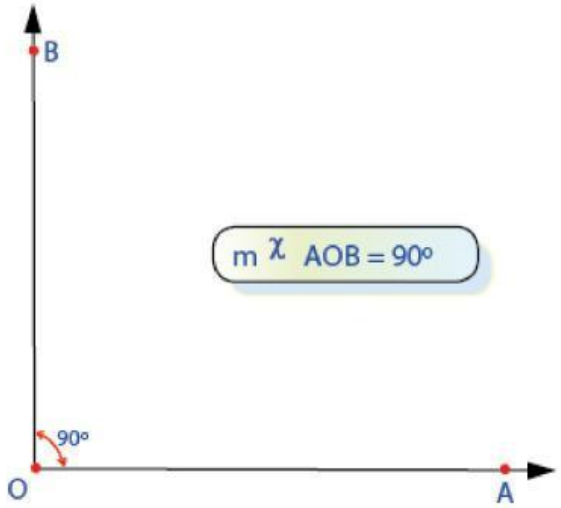


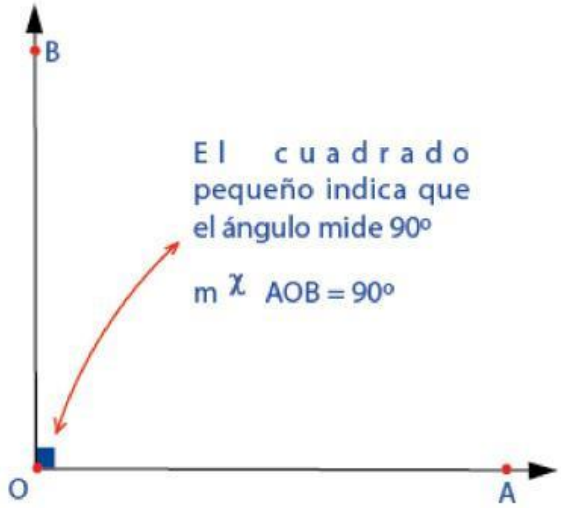
PIP Nancy Ale Zambrano

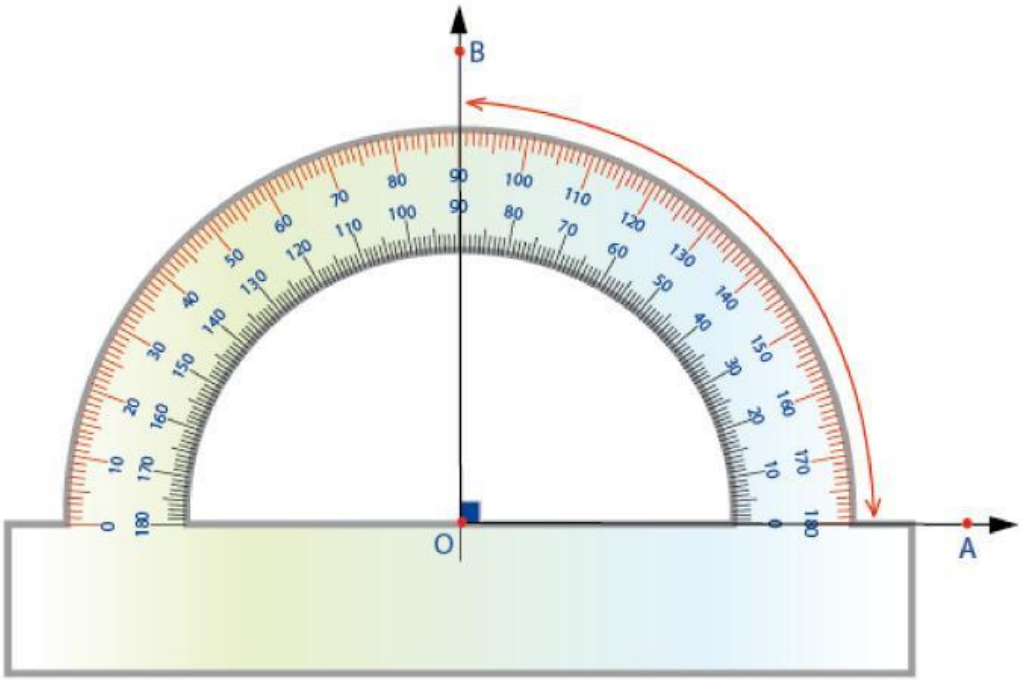
Prof. Elizabeth Yucra Chambi

LIVEWORKSHEETS

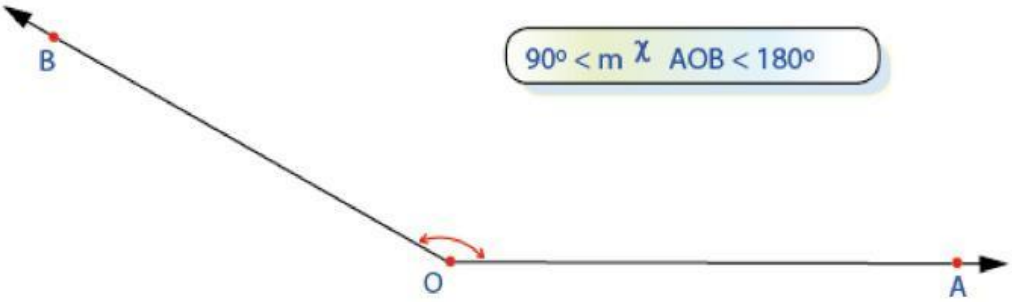
3. Ángulo Recto : Su medida es igual a 90º.



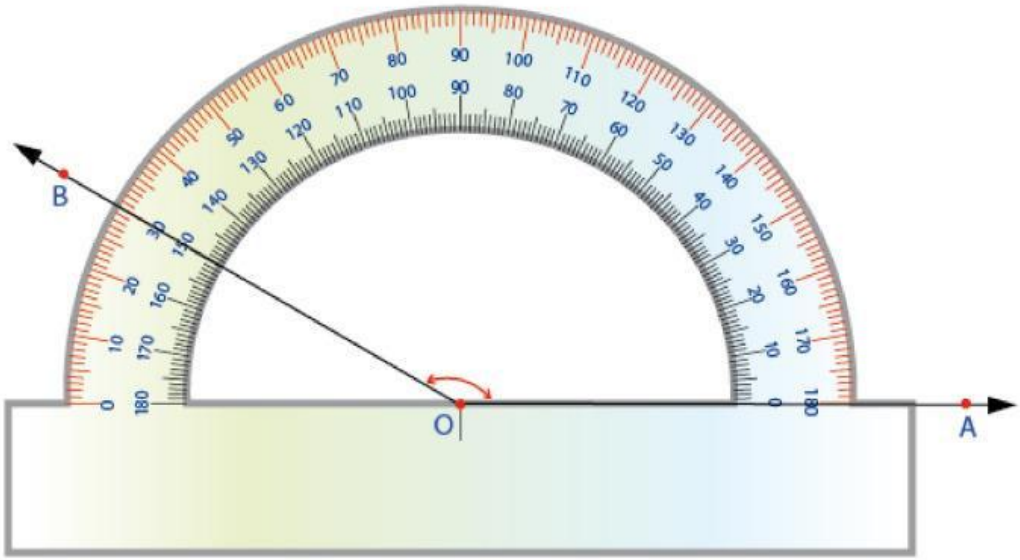




4. Ángulo Obtuso: Su medida es mayor que 90º pero menor que 180º.

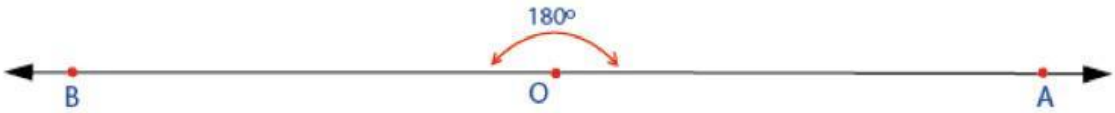


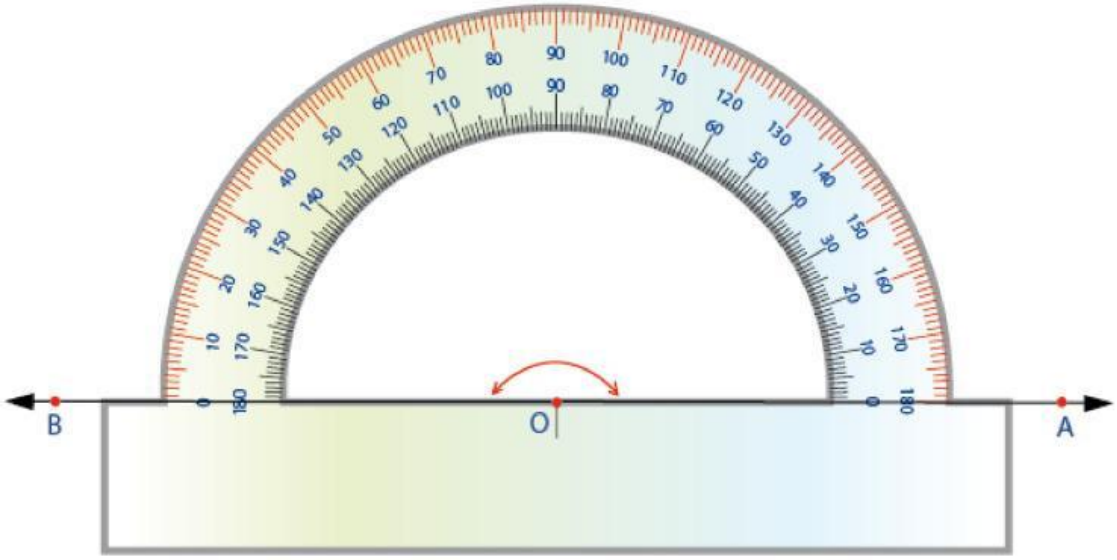
LIVEWORKSHEETS



5. Ángulo llano: Cuando mide 180º

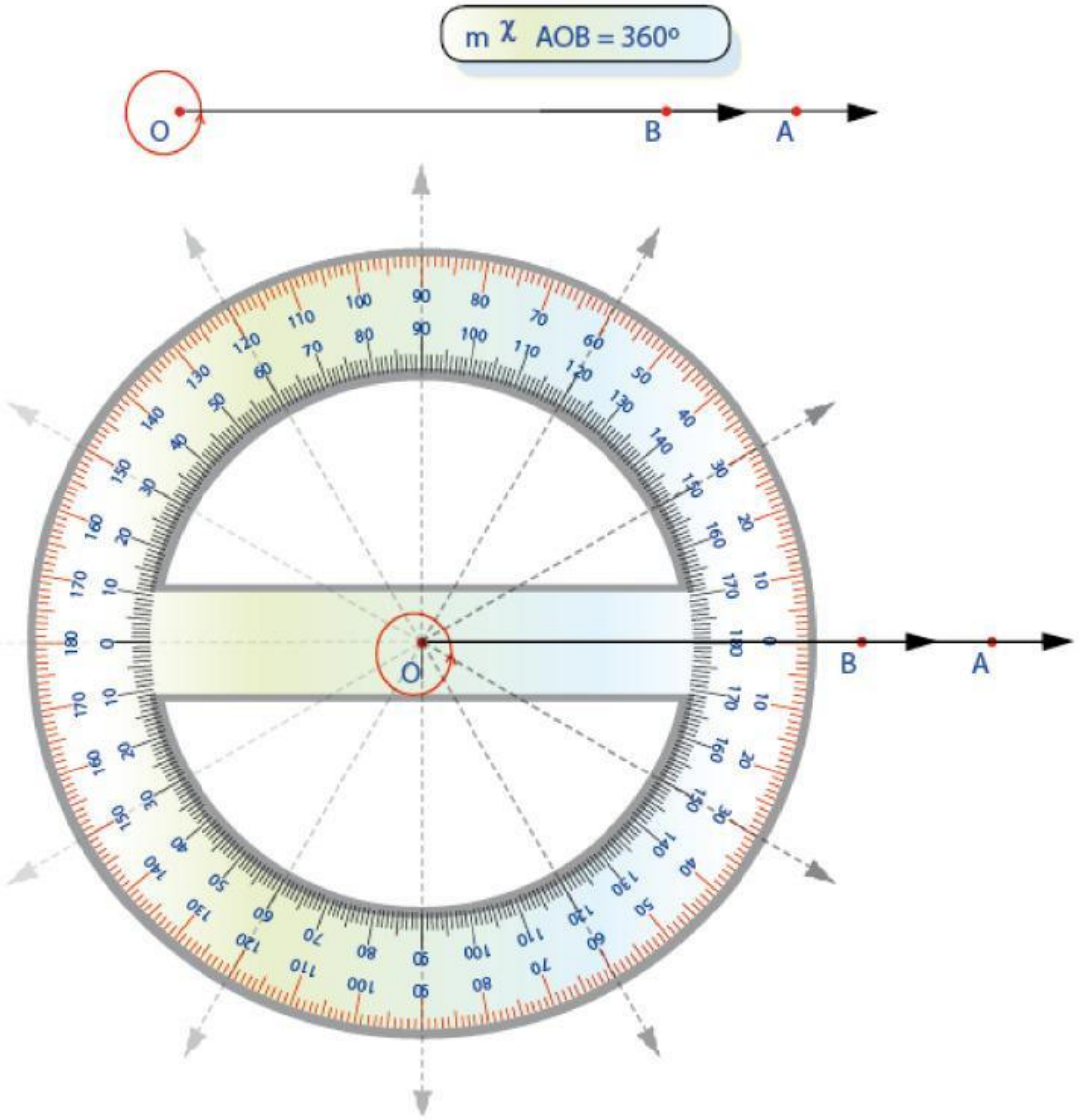
m ∡ AOB = 180º





LIVEWORKSHEETS

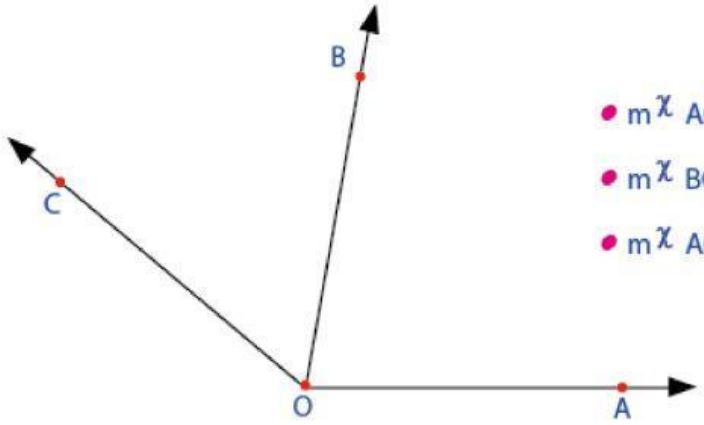
6. Ángulo de una vuelta: Este ángulo mide 360º



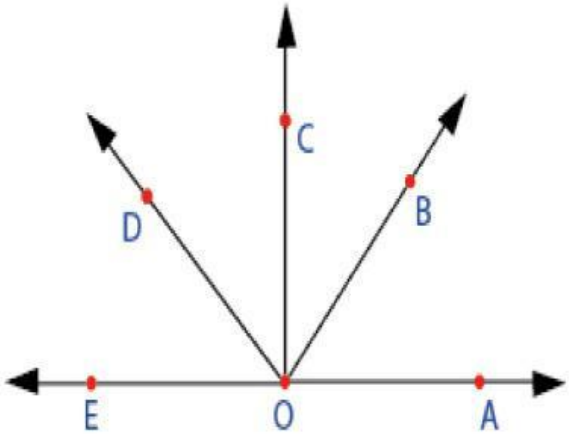
LIVEWORKSHEETS

¡Listos, a trabajar!

1. Usando el transportador mide y clasifica cada ángulo según su medida:



- m∡ AOB = _____, ángulo _____.
- m∡ BOC = _____, ángulo _____.
- m∡ AOC = _____, ángulo _____.

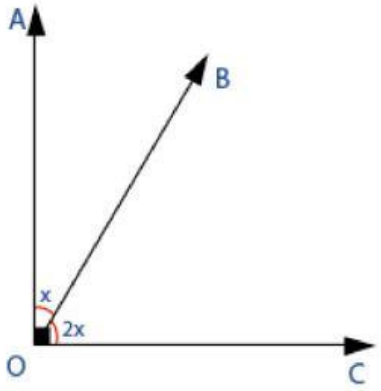


- _____ = _____, ángulo _____.
- _____ = _____, ángulo _____.
- _____ = _____, ángulo _____.
- _____ = _____, ángulo _____.
- _____ = _____, ángulo _____.
- _____ = _____, ángulo _____.
- _____ = _____, ángulo _____.
- _____ = _____, ángulo _____.
- _____ = _____, ángulo _____.

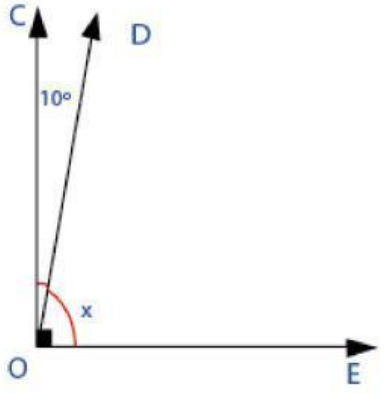
LIVEWORKSHEETS

¿CUÁL ES EL VALOR?

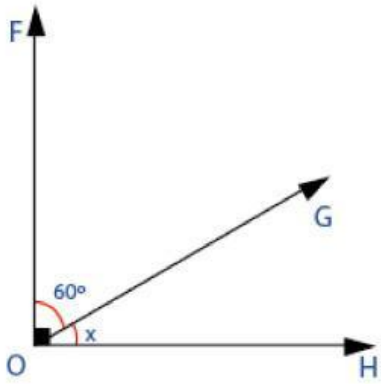
2. Halla el valor de "x" con los datos que se te proporcionan y denótalos correctamente:



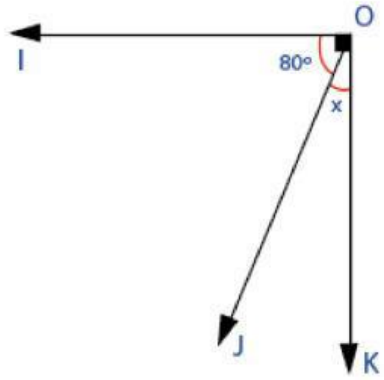
x = _____



x = _____

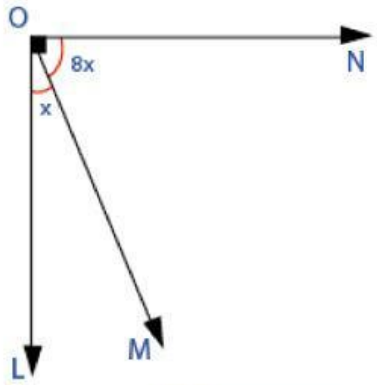


x = _____

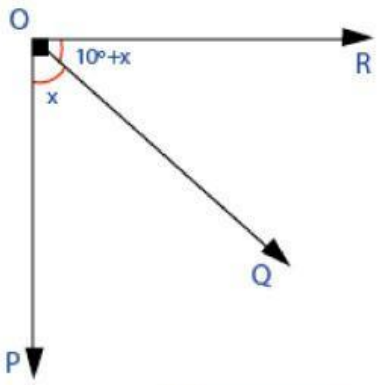


x = _____

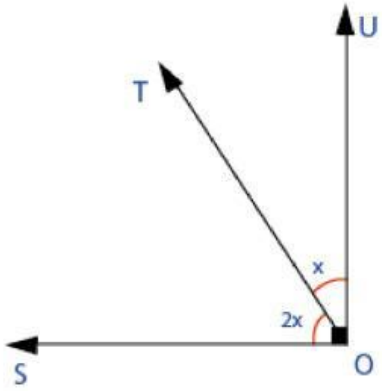
LIVEWORKSHEETS



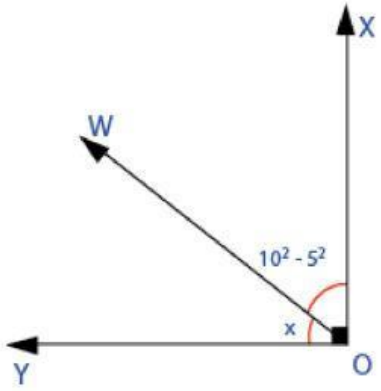
x = _____



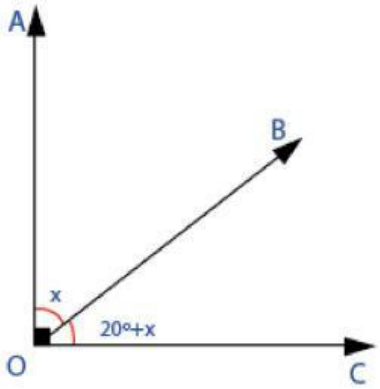
x = _____



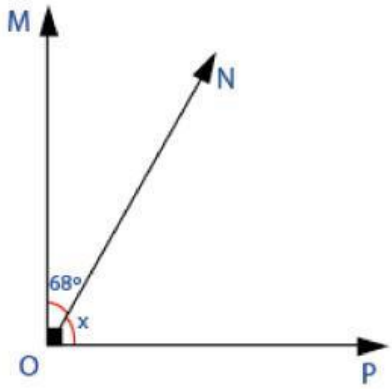
x = _____



x = _____



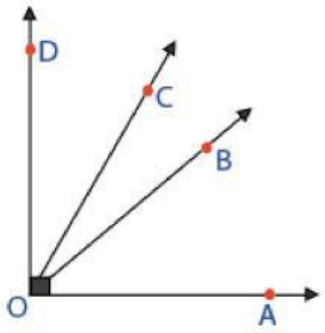
x = _____



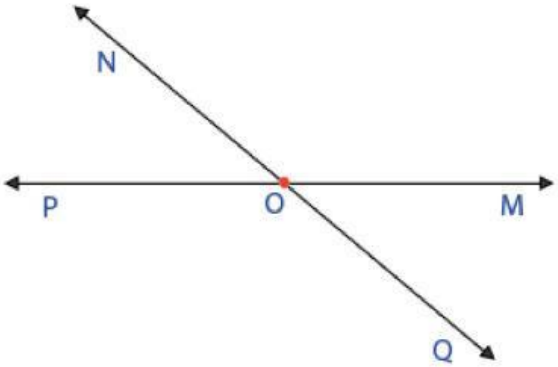
x = _____

LIVEWORKSHEETS

3) Con ayuda de tu transportador, encuentra la medida de 4 ángulos en cada figura. Luego, completa la tabla.



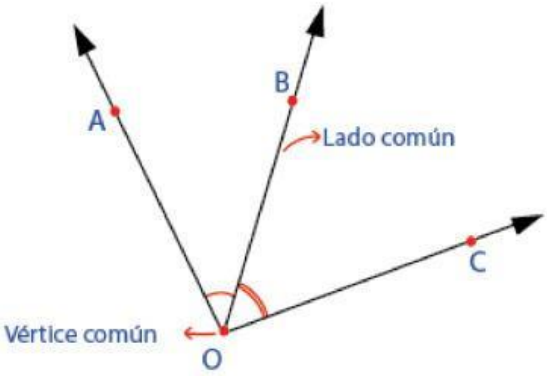
NOTACIÓN	MEDIDA



NOTACIÓN	MEDIDA

ALGUNOS CASOS ESPECIALES DE ÁNGULOS

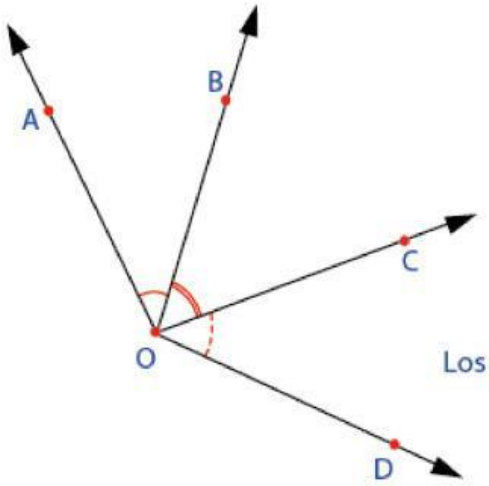
- Ángulos Adyacentes: Son dos ángulos que tienen el vértice y un lado común, el lado común es intermedio.



Los ángulos AOB y BOC son adyacentes.

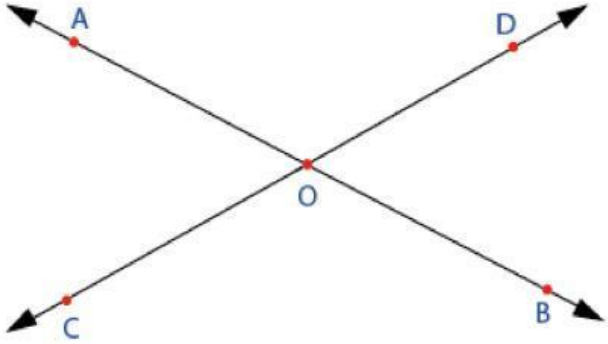
LIVEWORKSHEETS

- Ángulos Consecutivos: Son dos o más ángulos adyacentes.



Los ángulos AOB, BOC y COD son consecutivos.

- Ángulos Opuestos por el vértice: Son dos ángulos en los cuales los lados de uno de ellos son las prolongaciones de los lados del otro.



$m\measuredangle AOD = m\measuredangle COB$

LIVEWORKSHEETS