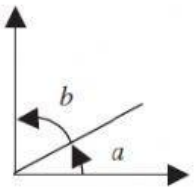
ÁNGULOS COMPLEMENTARIOS, SUPLEMENTARIOS Y CONJUGADOS CON ECUACIONES

ANALICE LA SIGUIENTE INFORMACIÓN:

Complementarios

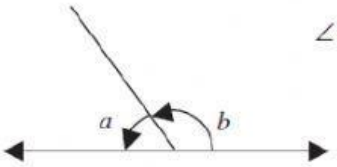
Son aquellos cuya suma es igual a un ángulo recto (90°).



$\angle a + \angle b = 90°$

Suplementarios

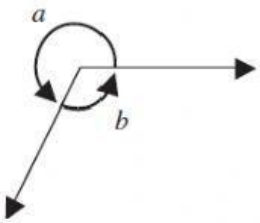
Son aquellos cuya suma es igual a dos ángulos rectos (180°).



$\angle a + \angle b = 180°$

Conjugados

Son los ángulos cuya suma es igual a cuatro ángulos rectos (360°).

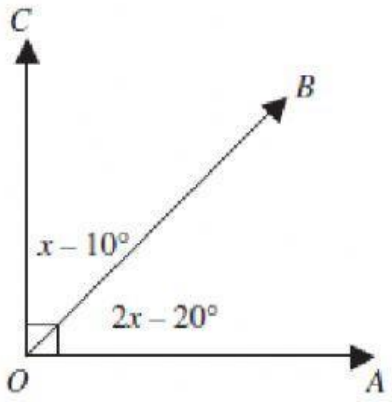


$\angle a + \angle b = 360°$

ÁNGULOS COMPLEMENTARIOS, SUPLEMENTARIOS Y CONJUGADOS CON ECUACIONES

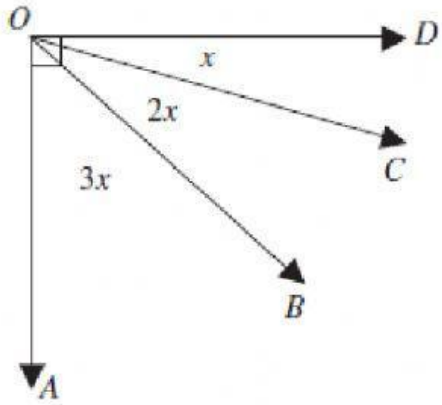
REALICE LOS SIGUIENTES EJERCICIOS

a)



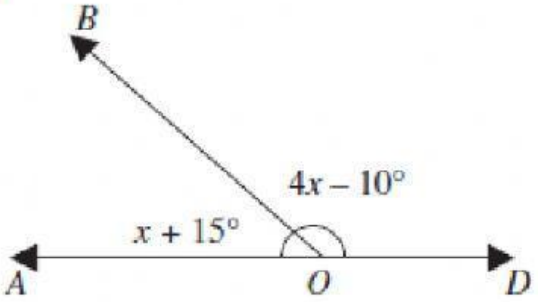
$x =$

b)



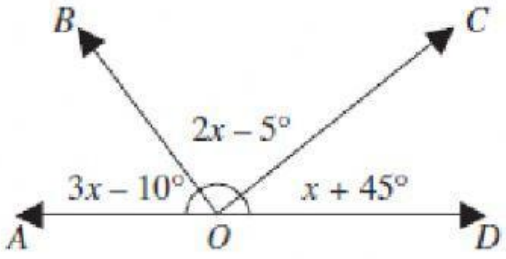
$x =$

c)



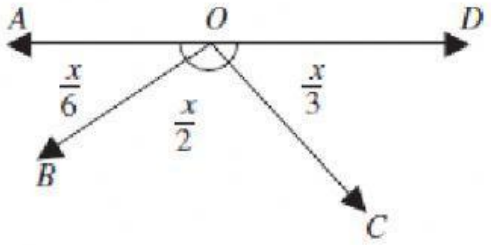
$x =$

d)



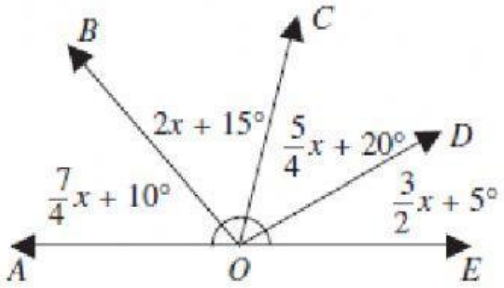
$x =$

e)


A
O
D
$\frac{x}{6}$
$\frac{x}{2}$
$\frac{x}{3}$
B
C

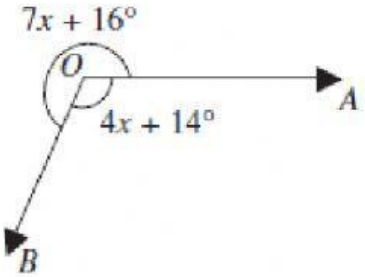
$x =$

f)


B
C
$2x + 15°$
$\frac{5}{4}x + 20°$
D
$\frac{7}{4}x + 10°$
$\frac{3}{2}x + 5°$
A
O
E

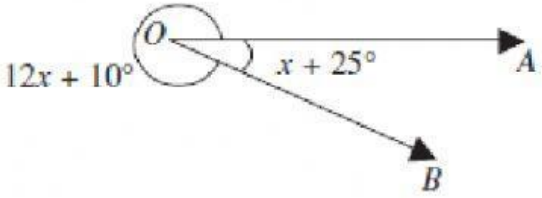
$x =$

g)


$7x + 16°$
O
A
$4x + 14°$
B

$x =$

h)


O
$12x + 10°$
$x + 25°$
A
B

$x =$