INSTITUTO JUAN PABLO II
Av. Sáenz Peña 576
TEL: 0381- 4205711
Institutojuanpabloii@gmail.com
www.instjuanpabloii.com.ar

Materia: Matemática
Profesora: Nisoria, Carolina
Curso: 2° A
Bibliografía actual: Activados 2. Editorial Puerto de Palos.

Trabajo Práctico N° 46

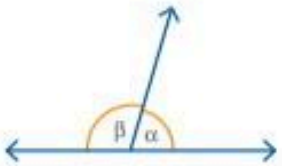
Clase práctica. Actividades

37. Calculen el valor de x y la medida de los ángulos.

a.

$\hat{\alpha} = 3x - 20°$

$\hat{\beta} = 2x + 40°$



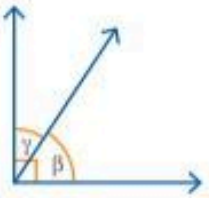
$x =$ 32° $\hat{\beta} =$ 104°

$\hat{\alpha} =$ 76°

c.

$\hat{\gamma} = 3x$

$\hat{\beta} = x + 38°$



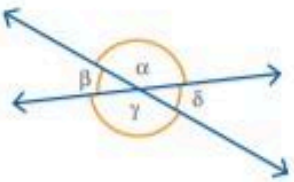
$x =$ 13° $\hat{\beta} =$ 51°

$\hat{\gamma} =$ 39°

b.

$\hat{\alpha} = 3x + 14°$

$\hat{\gamma} = 2x + 48°$



$x =$ 34°

$\hat{\alpha} =$ 116° $\hat{\beta} =$ 64°

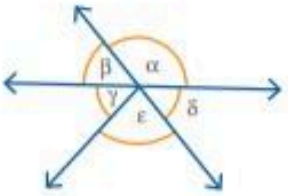
$\hat{\gamma} =$ 116° $\hat{\delta} =$ 64°

d.

$\hat{\beta} = 3x + 22°$

$\hat{\gamma} = 2x$

$\hat{\varepsilon} = 5x + 8°$



$x =$ 15° $\hat{\varepsilon} =$ 83°

$\hat{\beta} =$ 67° $\hat{\alpha} =$ 113°

$\hat{\gamma} =$ 30° $\hat{\delta} =$ 67°

INSTITUTO JUAN PABLO II
Av. Sáenz Peña 576
TEL: 0381- 4205711
Institutojuanpabloii@gmail.com
www.instjuanpabloii.com.ar

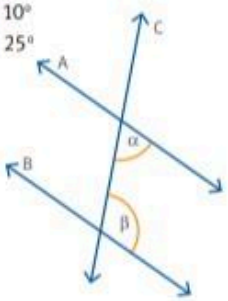
43 ACTIVIDADES

Ángulos determinados por dos rectas y una transversal

41. Calculen el valor de *x* y la medida de los ángulos.

a. A // B

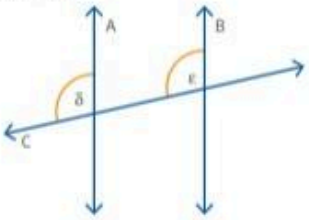
$\hat{\alpha} = 3x + 10°$
$\hat{\beta} = 2x + 25°$



x = 29° $\hat{\alpha}$ = 97° $\hat{\beta}$ = 83°

b. A // B

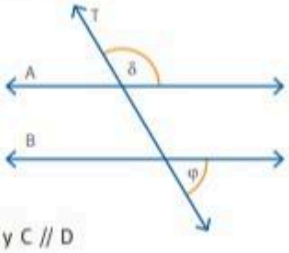
$\hat{\delta} = 7x - 10°$
$\hat{\varepsilon} = 3x + 54°$



x = 16° $\hat{\delta}$ = 102° $\hat{\varepsilon}$ = 102°

c. A // B

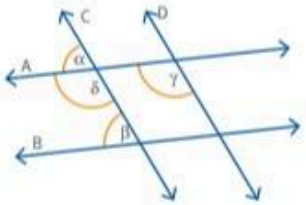
$\hat{\delta} = 7x + 10°$
$\hat{\varphi} = 5x - 30°$



x = 16° 40' $\hat{\delta}$ = 126° 40' $\hat{\varphi}$ = 53° 20'

d. A // B y C // D

$\hat{\alpha} = 6x - 20°$
$\hat{\beta} = 3x + 15°$



x = 11° 40' $\hat{\alpha}$ = 50° $\hat{\beta}$ = 50°
$\hat{\delta}$ = 130° $\hat{\gamma}$ = 130°

Página: 150 y 154