Pertidaksamaan Linear 2 Variabel [01]

Nama :	Kelas :	No. Absen :

Tentukan daerah penyelesaian

dari sistem pertidaksamaan:

$$\begin{cases} 2x - 3y \leq 6 \text{ ..... (i)} \\ x + 2y \leq 4 \text{ ..... (ii)} \end{cases}$$

Jawaban:

Langkah 1: Ubah tanda pertidaksamaan menjadi tanda " = "

$$\begin{cases} 2x - 3y \quad 6 \\ x + 2y \quad 4 \end{cases}$$

(i) $2x - 3y = 6$

x	0	
y		0
(x, y)	(0,)	(, 0)

Untuk x = 0

$2.(\ ) - 3y = 6$

$-3y = 6$

$y = \frac{6}{\ }$

$y =$

Untuk y = 0

$2x - 3.(\ ) = 6$

$2x = 6$

$x = \frac{6}{\ }$

$x =$

(ii) $x + 2y = 4$

x	0	
y		0
(x, y)	(0,)	(, 0)

Untuk x = 0

$0 + 2y = 4$

$2y = 4$

$y = \frac{4}{\ }$

$y =$

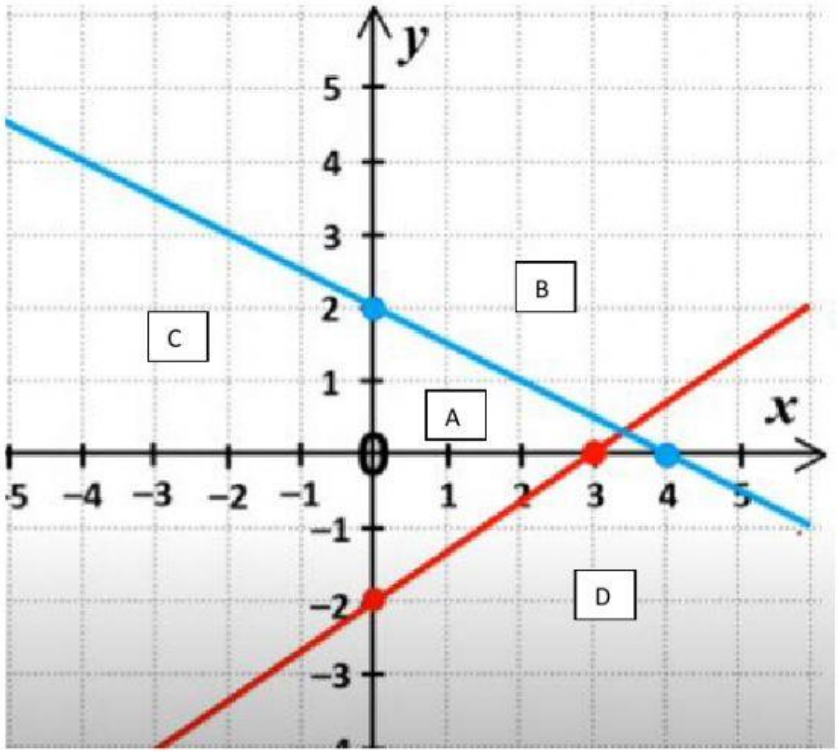
Untuk y = 0

$x + 2.(0) = 4$

$x =$

LIVEWORKSHEETS

Selanjutnya gambar grafik.



Titik uji (0,0)	Titik uji (0,0)
$2x - 3y \leq 6$ $2(\dots\dots) - 3(\dots\dots) \leq 6$ $\dots\dots \leq 6$ (.....)	$x + 2y \leq 4$ $(\dots\dots) + 2(\dots\dots) \leq 4$ $\dots\dots \leq 4$ (.....)

LIVEWORKSHEETS