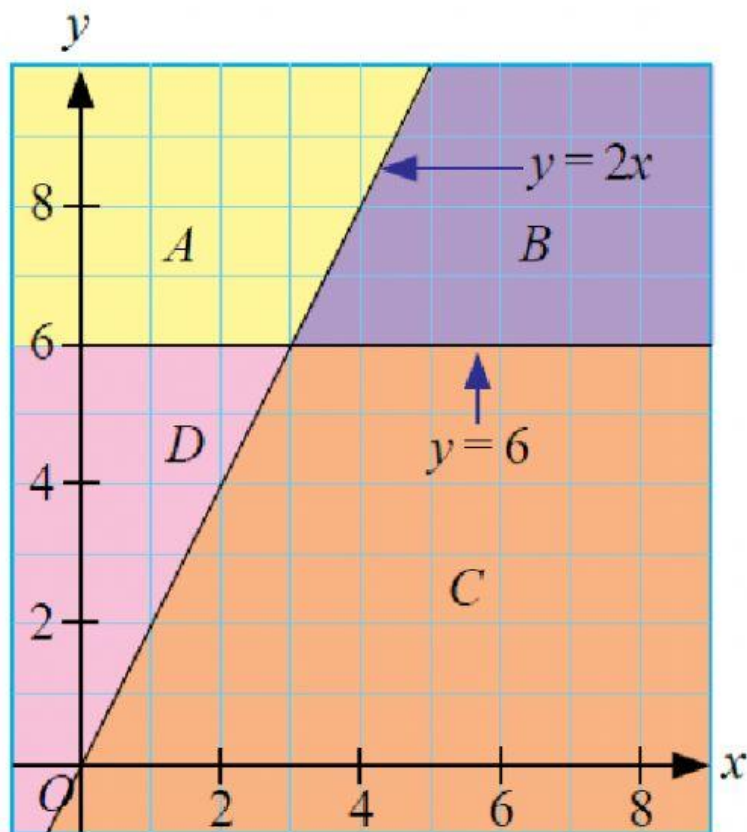


MATHEMATICS KSSM FORM 4

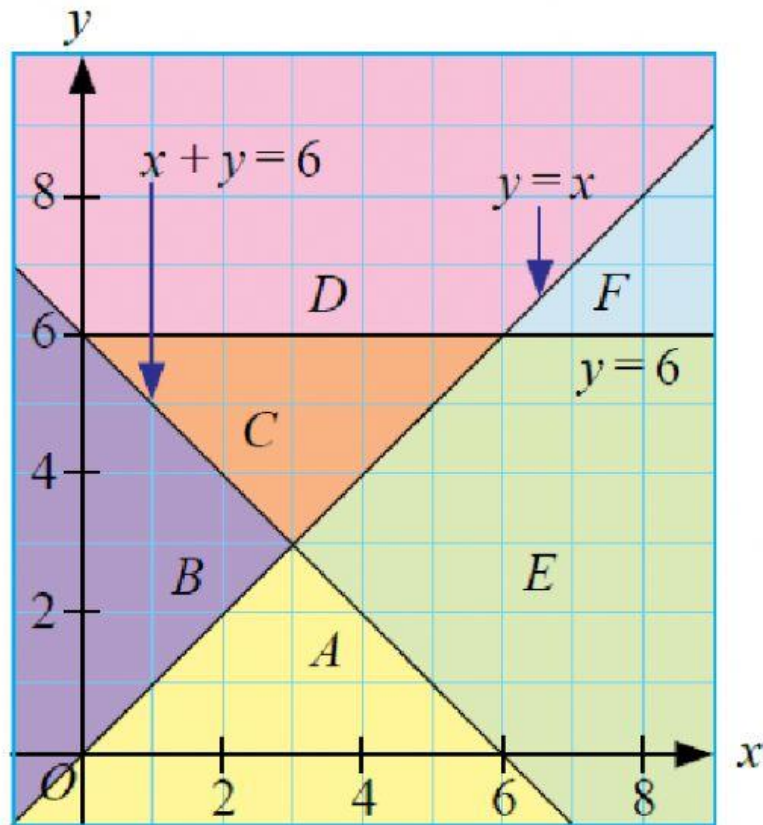
Exercise Chapter 6 / Latihan Bab 6

- 1 Based on the diagram, determine the region that satisfies each of the following systems of linear inequalities
Berdasarkan rajah, tentukan rantau yang memuaskan sistem ketaksamaan linear berikut



- a) $y \geq 2x$ and $y \leq 6$ answer :
b) $y \geq 2x$ and $y \geq 6$ answer :
c) $y \leq 2x$ and $y \leq 6$ answer :
d) $y \leq 2x$ and $y \geq 6$ answer :

- 2 Based on the diagram , determine the region that satisfies each of the following systems of linear inequalities
 Berdasarkan rajah, tentukan rantau yang memuaskan sistem ketaksamaan linear berikut

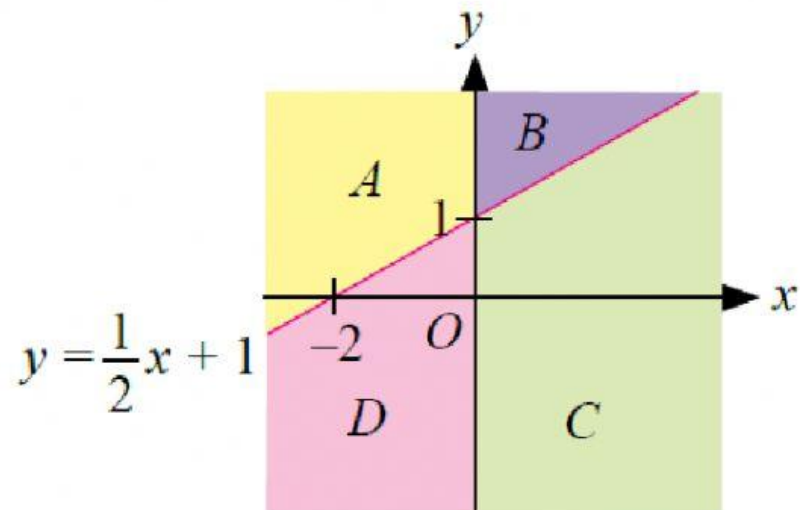


- a) $y \leq 6$, $y \leq x$ and $x + y \geq 6$ answer :
- b) $y \leq 6$, $y \geq x$ and $x + y \geq 6$ answer:
- c) $y \leq 6$, $y \leq x$ and $x + y \leq 6$ answer:
- d) $y \geq 6$, $y \geq x$ and $x + y \geq 6$ answer:

- 3 Identify the region that satisfies each of the following systems of linear inequalities
Tentukan rantau yang memuaskan ketaksamaan linear berikut;

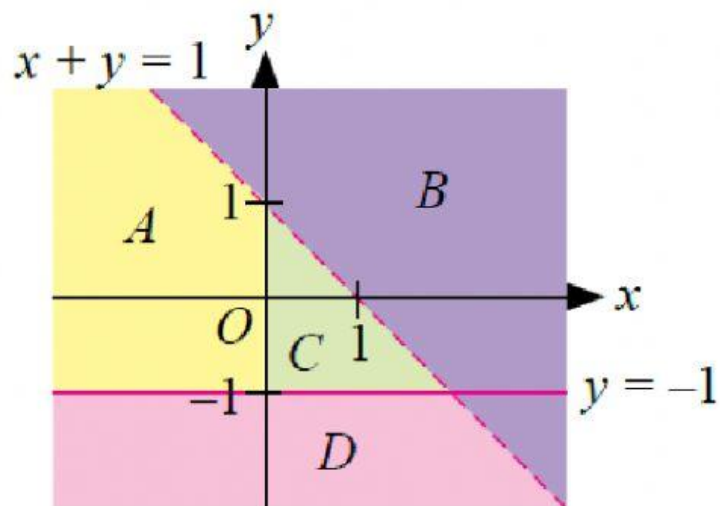
a) $y \leq \frac{1}{2}x + 1$ and $x \geq 0$

answer:



b) $x + y < 1$, $y \geq -1$ and $x \geq 0$

answer:



c) $x+4y \leq 4$, $x > -2$ $x \leq 0$ and $y \geq 0$ answer :

