

NAMA:

TINGKATAN:

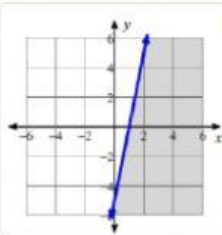
RANTAU DAN PENYELESAIAN BAGI SUATU KETAKSAMAAN LINEAR

RABIHAH RAMLI, SMKTP, LANGKAWI, KEDAH

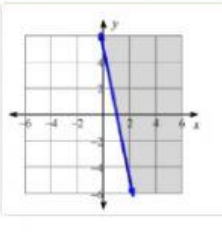
1. Lakar graf bagi ketaksamaan linear di bawah:

$$y \leq 5x - 5$$

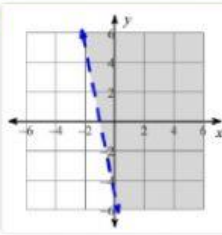
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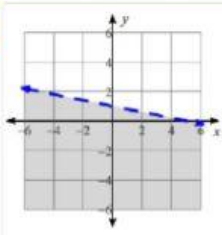
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c



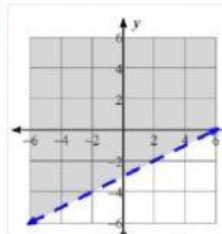
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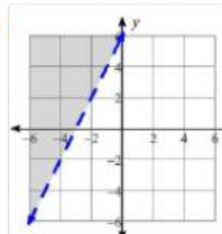
2.

$$y > \frac{1}{2}x + 3$$

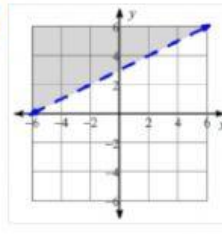
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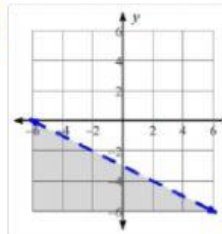
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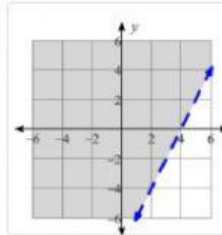
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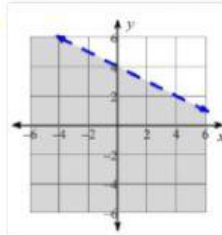
3.

$$y \geq \frac{1}{2}x + 4$$

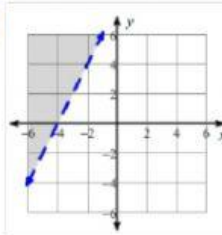
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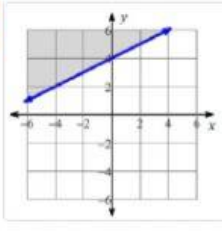
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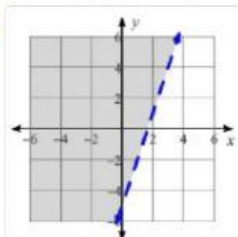
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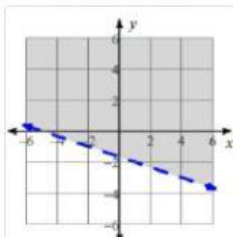
4.

$$y < -3x - 5$$

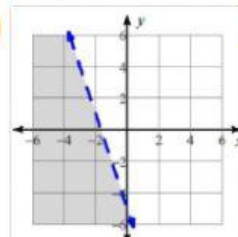
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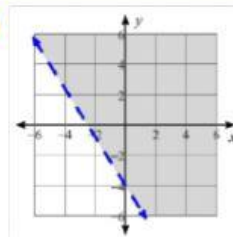
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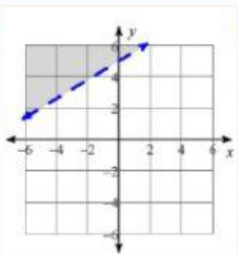
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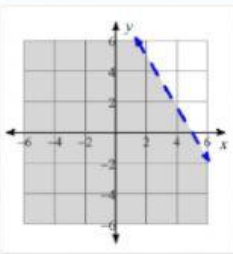
5.

$$y < -\frac{3}{5}x + 5$$

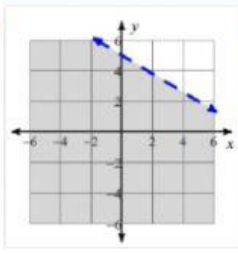
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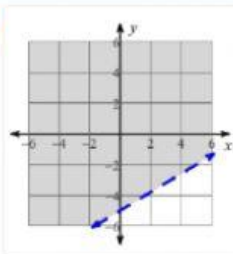
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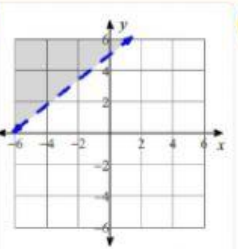
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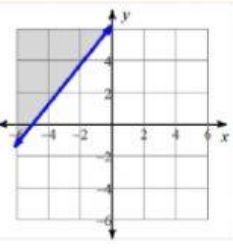
6.

$$4x - 5y > 25$$

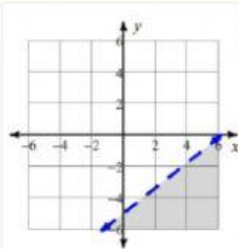
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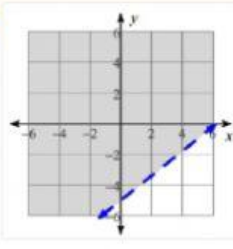
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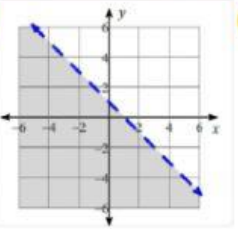
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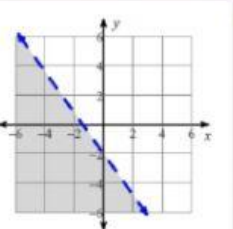
7.

$$7x - 5y < 10$$

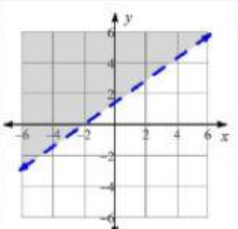
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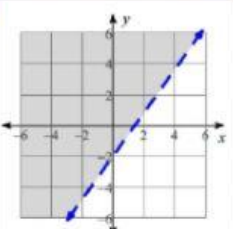
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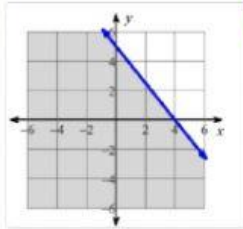
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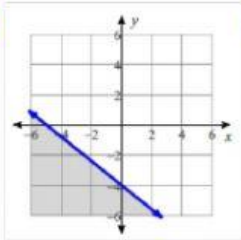
8.

$$5x + 4y \leq -20$$

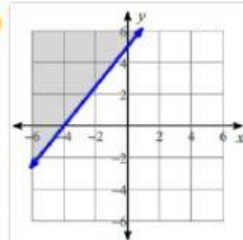
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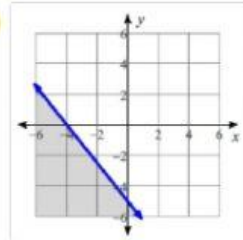
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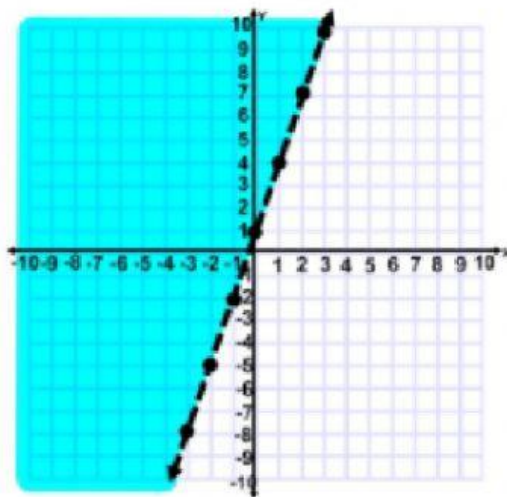


d



9. Diberi graf dibawah, berikan pasangan titik yang memuaskan atau tidak memuaskan ketaksamaan berikut:

$$y > 3x + 1$$



(1,4)

(-2,2)

(5,3)

(0,5)

(0,0)

(-4,6)

Memuaskan

Tidak memuaskan