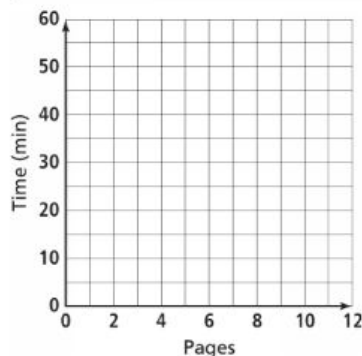


Each day, Amaya studies language flashcards and then reads some pages in a novel, as shown in the table. Make a scatter plot of the total time she studies as a function of the number of pages she reads. Draw a trend line.

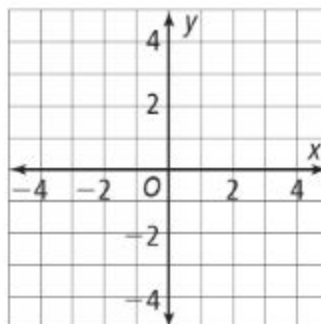
Pages	4	6	8	10	12
Time (min)	27	32	39	45	51



Graph the system of inequalities.

$$2x - y \leq 3$$

$$x - 2y \geq -2$$



A hardware store rents vacuum cleaners that customers may use for part or all of a day before returning. The store charges a flat fee plus an hourly rate. Write a linear function f for the total rental cost of a vacuum cleaner.

Hours	1	1.5	2	2.5	3
Cost (\$)	20	23	26	29	32

- A $f(x) = 6x + 14$
- B $f(x) = 3x + 14$
- C $f(x) = 3x + 22$
- D $f(x) = 6x + 24$

Which ordered pair is a solution of the inequality $y < 3x + 1$?

- A $(-3, -2)$
- B $(3, 14)$
- C $(1, -3)$
- D $(1, 6)$

What is the solution of the system of equations shown below?

$$y = -x + 3$$

$$y = 4x - 2$$

- A $(0, 3)$
- B $(1, 2)$
- C $(2, 1)$
- D $(0, -2)$