Name		

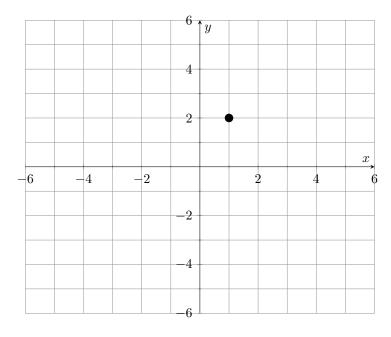
Date			
LISTA			

## Period \_\_\_\_\_

## Targets.

- $\bullet\,$  to plot the points on the graph of a function
- to sketch the graph by tracing the points

**Do Now.** Use this coordinate frame for the following problems.



- 1. Find the coordinates of the black point in the coordinate frame.
- 2. Plot the point (-4, -3) in the coordinate frame.

Take note.

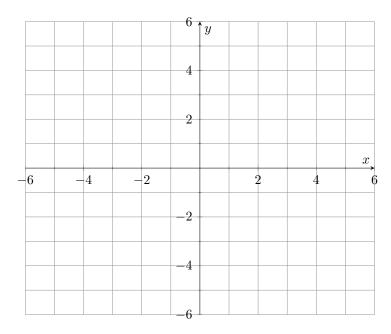
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## Practice.

Let f(x) = 2x.

- 1. Complete the following table.
- 2. Plot the points in the coordinate frame.
- 3. Sketch the graph of f(x) by tracing the points.

x	f(x)
-3	
-2.5	
-2	
-1.5	
-1	
-0.5	
0	
0.5	
1	
1.5	
2	
2.5	
3	



**Exit Ticket.** Use the approach we learned in this lesson to sketch  $f(x) = (x-1)^2$ .