

8

Learning Activity Sheet for Mathematics

Quarter 3

Lesson

4

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Learning Activity Sheet for Mathematics Grade 8
Quarter 3: Lesson 4 (Week 4)
SY 2025-2026

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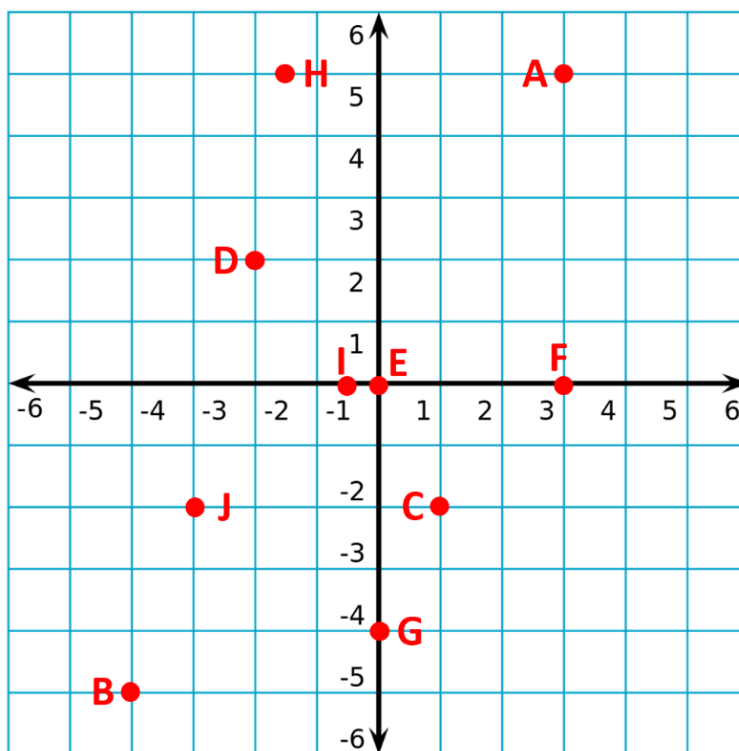
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LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	Quarter:	3
Lesson No.:	4	Date:	
Lesson Title/ Topic:	Linear Equation in Two Variables		
Name:		Grade & Section:	

- I. Activity No. 1:** Do You Remember? (10 minutes)
- II. Objective(s):** At the end of the activity, you should be able to graph linear equations in two variables.
- III. Materials Needed:** pen
- IV. Instructions:** Identify the location of the given points in the cartesian coordinate plane.



- | | |
|--------------------|---------------------|
| 1. A (____, ____) | 6. F (____, ____) |
| 2. B (____, ____) | 7. G (____, ____) |
| 3. C (____, ____) | 8. H (____, ____) |
| 4. D (____, ____) | 9. I (____, ____) |
| 5. E (____, ____) | 10. J (____, ____) |

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	Quarter:	3
Lesson No.:	4	Date:	
Lesson Title/ Topic:	Linear Equation in Two Variables		
Name:		Grade & Section:	

- I. Activity No. 3:** Try This! (15 minutes)
- II. Objective(s):** At the end of the activity, you should be able to graph linear equations in two variables.
- III. Materials Needed:** pen and ruler
- IV. Instructions:**
- A. Let the learners identify if the ordered pair is a solution of the linear equation.

1. $y = 4x + 2$; (2, 10)

2. $y = -2x + 5$; (7, 5)

3. $9x + 3y = 18$; (-1, 9)

4. $-2y = 10x$; (0, 0)

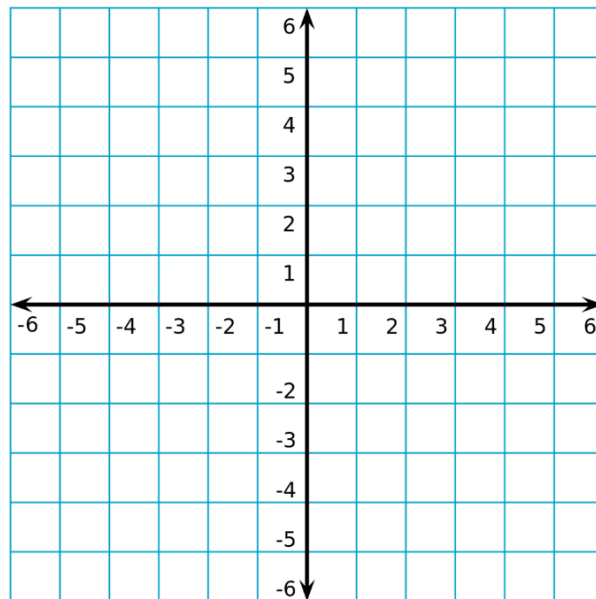
5. $3x - 2y + 6 = 0$; (-3, -3)

B. Complete the table below.

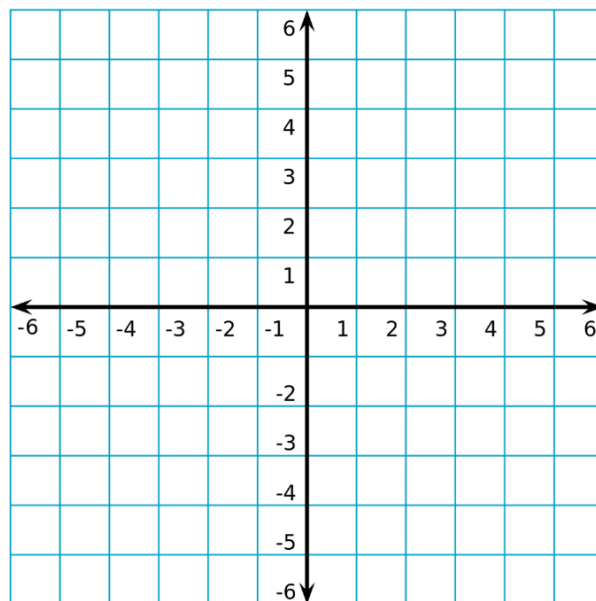
<i>General</i>	<i>Standard</i>	<i>Slope-Intercept</i>	<i>m</i>	<i>b</i>
(6)	(7)	$y = -2x - 7$	(8)	-7
$5x - 2y - 10 = 0$	$5x - 2y = 10$	(9)	(10)	(11)
(12)	(13)	(14)	-5	4

C. Sketch the graph of a linear equation given the following;

a. $-4x + 2y = 8$



b. $y = -\frac{8}{3}x - 6$



Rubrics for Part C (Max of 3 points for each item)

Score	Indicator/s
3	Provided a complete solution and graphed the linear equation correctly.
2	Provided a complete solution with minor error in the graph of the linear equation.
1	Provided an incomplete with major error in the graph of the linear equation.
0	Did not attempt to solve and graph the linear equation.

V. Synthesis:

1. How did you arrive at your answers?

2. How did you find the activity? Can you share and describe your experience?
