8

Learning Activity Sheet for Mathematics

Quarter 3

Lesson

5

Learning Activity Sheet for Mathematics Grade 8
Quarter 3: Lesson 5 (Week 5)
SY 2025-2026

Development Team

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Learning Area:	Mathematics		Quarter:	3
Lesson No.:	5		Date:	
Lesson Title/ Topic:	Equation of a Line			
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 find the equation of a line.

III. **Materials Needed:** pen

IV. **Instructions:** Analyze and solve each problem.

1. Find the standard form of the equation of a line with a slope of 0 and passing through the point (5, 4).

2. What is the standard form of the equation of the line passing through points (-2, -3) and (-1, 2)?

3. Express in standard form the equation of a line with slope of 2/5 and y-intercept of -8.

4. Find the standard form of the equation of the line passing through the point (7, 0) and (0, -2).

5. Find the equation of the line joining the point (2, -1) and the midpoint of the line segment from (5,3) to (1, -1).

Rubrics (Max of 3 points for each item)

Score	Indicator/s
3	Provided a complete solution with correct procedure and arrived at the correct answer.
2	Provided a complete solution with minor error in the procedure but still arrive at the correct answer.
1	Provided an incomplete with major error in the procedures and did not arrive at the correct answer.
0	Did not attempt to solve the problem.

V.   Synthesis:

1. How did you arrive at your answers?

_____
_____
_____
_____
_____

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

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