7

DepED
DEPARTMENT OF EDUCATION

Learning Activity Sheet for Mathematics

Quarter 1

Lesson

2

Learning Activity Sheet for Mathematics Grade 7
Quarter 1: Lesson 2 (Week 2)
SY 2024-2025

Development Team

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LEARNING ACTIVITY SHEET

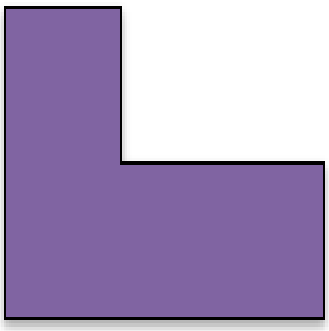
Learning Area:	Mathematics	**Quarter:**	1
Lesson No.:	2	**Date:**	
Lesson Title/ Topic:	Angle Pairs		
Name:		**Grade & Section:**	

I. **Activity No. 1:** Complete My Table

II. **Objective(s):** To accurately use protractor and measure angles of the polygons.

III. **Materials Needed:** paper and pen

IV. **Instructions:** Complete the table. Use protractor in measuring the interior angles of each polygon in the first column.

	Measure of each interior angle
	
	Measure of each interior angle
	

V. **Synthesis/Extended Practice/Differentiation (if needed):**

Compare the measure of each interior angle of the given polygons.

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	**Quarter:**	1
Lesson No.:	2	**Date:**	
Lesson Title/ Topic:	Angle Pairs		
Name:		**Grade & Section:**	

I. **Activity No. 2:** Angle Pairs

II. **Objective(s):** Identify and define the different kinds of angle pairs.

III. **Materials Needed:** paper, pencil, manila paper, and protractor.

IV. **Instructions:** Work with your group and answer the following tasks per group.

Group 1. Measure the following angles using a protractor.

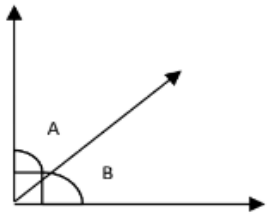


Figure 1

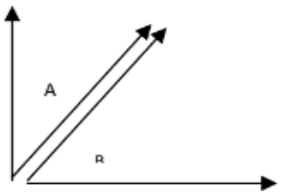


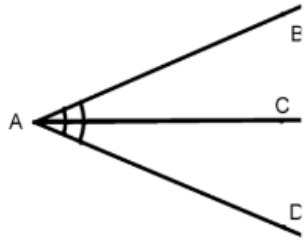
Figure 2

Tasks/Questions: Write your answer in separate sheet of paper
Question 1. Describe angles A and B in figures 1 and 2.
Question 2. What are the measures of the angles in both figures?
Question 3. What is the sum of the measures of angles A and B?
Question 4. What is the relationship between the angles with respect to its measures?

Group 2. Measure the following angles using a protractor.

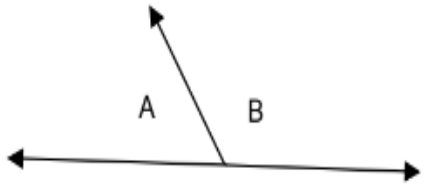
Tasks/Questions: Write your answer in separate sheet of paper
Question 1. Describe angles A and B in figures 1 and 2.
Question 2. What are the measures of the angles in both figures?
Question 3. What is the sum of the measures of angles A and B?
Question 4. What is the relationship between the angles with respect to its measures?

Group 3. Measure the following angles using a protractor.



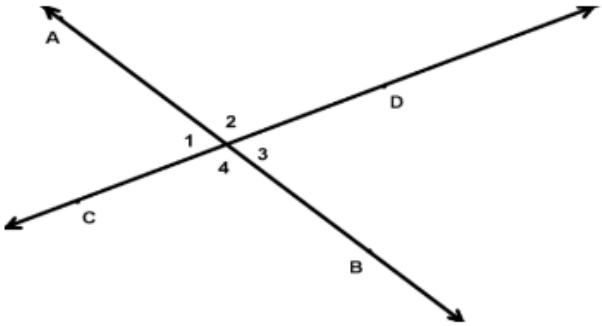
Tasks/Questions: Write your answer in separate sheet of paper
Question 1. Describe angles BAC and CAD
Question 2. What are the measures of the angles?
Question 3. What is the sum of the measures of angles BAC and CAD?
Question 4. What is the relationship between the angles with respect to its measures and common to both angles?

Group 4. Measure the following angles using a protractor.



Tasks/Questions: Write your answer in separate sheet of paper
Question 1. Describe angles A and B.
Question 2. What are the measures of each angle?
Question 3. What is the sum of the measures of angles A and B?
Question 4. What is the relationship between the angles with respect to its measures?

Group 5. Measure the following angles using a protractor.



Tasks/Questions: Write your answer
Question 1. What happen if two lines intersect each other?
Question 2. How many angles where formed?
Question 3. What are the measures of each angle?
Question 4. Compare the measures of angles 1 and 3, 2 and 4.
Question 5. What is the relationship between the angles with respect to its measures?

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	**Quarter:**	1
Lesson No.:	2	**Date:**	
Lesson Title/ Topic:	Angle Pairs		
Name:		**Grade & Section:**	

I. **Activity No.3:** Can you Pair my Angle?

II. **Objective(s):** Identify and define the different kinds of angle pairs.

III. **Materials Needed:** paper, pencil, manila paper, and protractor.

IV. **Instructions:** Use figure 1 to answer the following questions:

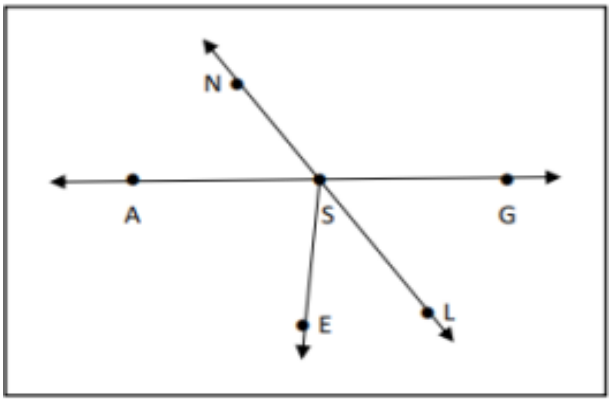


Figure 1

1. Name a pair of adjacent angles.

2. Name a pair of angles that form a linear pair.

3. Name a pair of angles that are vertical.

4. If m ∠ NSA = 75 °, what is the measure of m ∠ NSG?

5. If m ∠ GSL = 57 °, what is the measure of m ∠ ASN?

V. **Synthesis/Extended Practice/Differentiation (if needed):**

What are some examples of angle pairs that you can identify in your surroundings, and how do they relate to each other in terms of their measures?