

7

# Learning Activity Sheet for Mathematics

Quarter 1

Lesson

2

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

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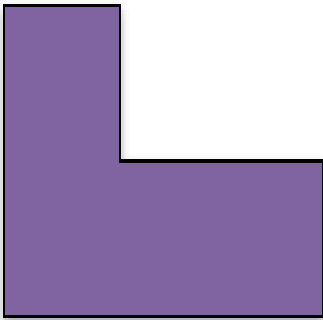
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## LEARNING ACTIVITY SHEET

<b>Learning Area:</b>	Mathematics	<b>Quarter:</b>	1
<b>Lesson No.:</b>	2	<b>Date:</b>	
<b>Lesson Title/ Topic:</b>	Angle Pairs		
<b>Name:</b>		<b>Grade &amp; Section:</b>	

- 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.

	<b>Measure of each interior angle</b>
	
	<b>Measure of each interior angle</b>
	

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

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

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<b>Learning Area:</b>	Mathematics	<b>Quarter:</b>	1
<b>Lesson No.:</b>	2	<b>Date:</b>	
<b>Lesson Title/ Topic:</b>	Angle Pairs		
<b>Name:</b>		<b>Grade &amp; Section:</b>	

- 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.

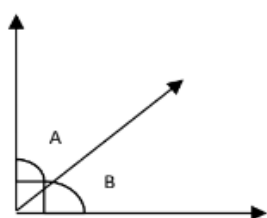


Figure 1

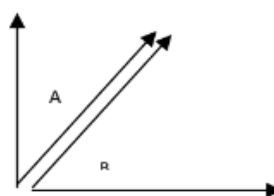


Figure 2

Tasks/Questions: Write your answer in separate sheet of paper

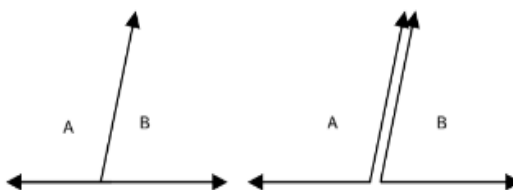
Question 1. Describe angles A and B in figures 1 and 2.

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

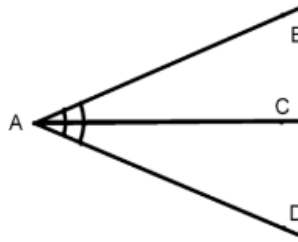
Question 1. Describe angles A and B in figures 1 and 2.

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

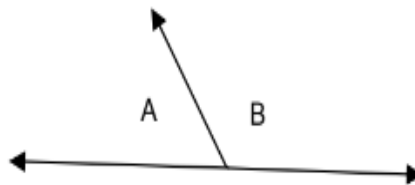
Question 1. Describe angles BAC and CAD

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

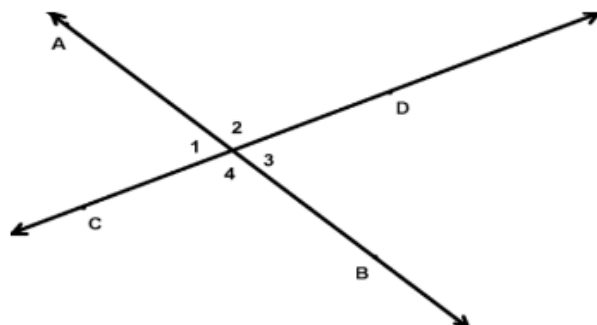
Question 1. Describe angles A and B.

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?

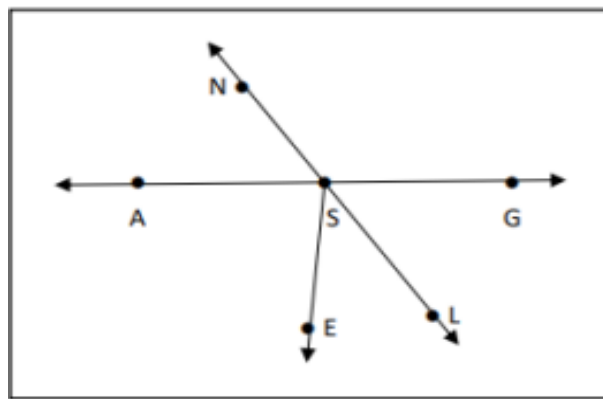
Question 4. Compare the measures of angles 1 and 3, 2 and 4.

Question 5. What is the relationship between the angles with respect to its measures?

## LEARNING ACTIVITY SHEET

<b>Learning Area:</b>	Mathematics	<b>Quarter:</b>	1
<b>Lesson No.:</b>	2	<b>Date:</b>	
<b>Lesson Title/ Topic:</b>	Angle Pairs		
<b>Name:</b>		<b>Grade &amp; Section:</b>	

- 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  $m \angle NSA = 75^\circ$ , what is the measure of  $m \angle NSG$ ?
  5. If  $m \angle GSL = 57^\circ$ , what is the measure of  $m \angle ASN$ ?
- 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?