4

DepED
DEPARTMENT OF EDUCATION

Learning Activity Sheet for Mathematics

Quarter 4
Lesson
2

IMPLEMENTATION OF THE MATATAG K TO 10 CURRICULUM

Worksheet for Mathematics Grade 4
Quarter 4: Lesson 2 (Week 2)
SY 2024-2025

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LEARNING ACTIVITY SHEET

Learning Area:	Mathematics		Quarter:	4
Lesson No.:	2		Date:	
Lesson Title/ Topic:	Rules in Generating Pattern			
Name:			Grade & Section:	

I. **Activity No. 1:** Follow the Pattern

II. **Objective(s):** Generate a pattern and describe the rule used.

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

IV. **Instructions:**

A. Find the next three numbers in the pattern. Describe the rule for the pattern.

1.) 7, 11, 15, 19, __, __, __

        The rule for the pattern is: _____.___

        The next three numbers are: _____.

2.) 1, 3, 9, 27, __, __, __

        The rule for the pattern is: _____.

        The next three numbers are: _____.

3.) 25, 23, 21, 19, __, __, __

        The rule for the pattern is: _____.

        The next three numbers are: _____.

4.) 50, 46, 42, 38, __, __, __

        The rule for the pattern is: _____.

        The next three numbers are: _____.

5.) 1, 4, 16, 64, __, __, __

        The rule for the pattern is: _____.

        The next three numbers are: _____.

B. Answer the following:

B.1. Look at the numbers provided in the table.

spiders	1	2	3		5	6
legs			24	32		48

1) What number do you think is missing from the top row? Why?

_____

_____

2) What numbers are missing at the bottom row? Why?

_____

_____

3) Complete the table.

4) Describe the pattern.

_____

_____

B.2. Mark made a chart for this pattern.

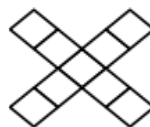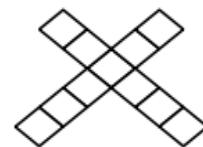Figure 1   Figure 2   Figure 3   Figure 4   Figure 5

Image Source: https://www.edu.gov.mb.ca/k12/cur/math/support_gr4/patterns.pdf

1) What should be in Figure 6? Draw the figure.

2) Describe the pattern using a number pattern.