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DepED
DEPARTMENT OF EDUCATION

Learning Activity Sheets for Mathematics 5

Ouarter 2

Lesson

6

Learning Activity Sheet for Mathematics Grade 5
Quarter 2: Lesson 6 Week 6
SY 2025-2026

Development Team

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LEARNING ACTIVITY SHEET

Learning Area:	Mathematics 5	**Quarter:**	2nd Quarter
Lesson No.:	6	**Date:**	
Lesson Title/ Topic:	**Divisibility Rules**		
Name:		**Grade & Section:**	

I. Activity 1 : Divisibility Rule for 2, 5, and 10 (15 - 25 minutes)

II. Objective(s):

a. Apply divisibility rules to determine if a number is divisible by 2, 5, and 10 by observing the number's last digit.

III. Materials Needed:

Paper, Pencil or Pen

IV. Instructions:

A. Put a number on the line to make the given number divisible by the numbers inside the parenthesis. (1 points each)

1. 35 ___ (2 only)
2. 63 ___ (5 only)
3. 4,64 ___ (5 and 10)
4. 5,12 ___ (2 only)
5. 9,54___ (2, 5, and 10)

B. Identify the common factors of the given numbers using the divisibility rules for 2, 5, and 10. ENCIRCLE all the number that applies on each row that corresponds to each item. (2 points per correct answer).

	Numbers	2	5	10	Common Factors
Ex.	480 and 390	(2)	(5)	(10)	2, 5, and 10
1.	262 and 358	2	5	10	
2.	870 and 2,565	2	5	10	
3.	1,450 and 3,210	2	5	10	
4.	1,540 and 7,256	2	5	10	
5.	9,600 and 12,340	2	5	10	

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics 5	**Quarter:**	2nd Quarter
Lesson No.:	6	**Date:**	
Lesson Title/ Topic:	**Divisibility Rules**		
Name:		**Grade & Section:**	

I. Activity 2 : Divisibility Rule for 3 and 9 (15 - 25 minutes)

II. Objective(s):

a. Apply divisibility rules to determine if a number is divisible by 3 and 9 by observing the sum of the digits of a number.

III. Materials Needed:

Paper, Pencil or Pen

IV. Instructions:

A. Put a number on the line to make the given number divisible by the numbers inside the parenthesis. (1 points each)

1. 48 ___ (3 only)
2. 68 ___ (3 and 9)
3. 2,40 ___ (3 and 9)
4. 1,42 ___ (3 only)
5. 6,55___ (3 and 9)

B. Identify the common factors of the given numbers using the divisibility rules for 3 and 9. ENCIRCLE all the number that applies on each row that corresponds to each item. (2 points per correct answer).

	Numbers	3	9	Common Factors
Ex.	36 and 126	(3)	(9)	3 and 9
1.	123 and 969	3	9	
2.	. 354 and 252	3	9	
3.	810 and 306	3	9	
4.	3,126 and 2,508	3	9	
5.	6,372 and 4,122	3	9	

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics 5	**Quarter:**	2nd Quarter
Lesson No.:	Lesson 6	**Date:**	
Lesson Title/ Topic:	**Divisibility Rules**		
Name:		**Grade & Section:**	

I. Activity 3 : Formative Assessment (30-minutes)

II. Objective(s):

a. Apply divisibility rules to determine if a number is divisible by 2, 5, and 10 by observing the number's last digit.
b. Apply divisibility rules to determine if a number is divisible by 3 and 9 by observing the sum of the digits of a number.

III. Materials Needed:

Paper, Pencil or Pen

IV. Instructions:

A. Complete the chart below. Write **D** in the appropriate space if the given number is divisible by the number in the top row. Write **N** if not. (1 point per correct answer)

	Numbers	**2**	**3**	**5**	**9**	**10**
Example	**456**	D	D	N	N	N
1.	**548**					
2.	**255**					
3.	**1,890**					
4.	**3,715**					
5.	**6,846**					

B. Identify the common factors of the given numbers using the divisibility rules for 3 and 9. ENCIRCLE all the number that applies on each row that corresponds to each item. (2 points per correct answer).

	Numbers	2	3	5	9	10	Common Factors
Ex.	78 and 162	(2)	(3)	5	9	10	2 and 3
1.	415 and 515	2	3	5	9	10	
2.	846 and 108	2	3	5	9	10	
3.	3,420 and 570	2	3	5	9	10	
4.	885 and 3,255	2	3	5	9	10	
5.	10,530 and 4,860	2	3	5	9	10	

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

Ask five classmates inside the classroom for any number that is greater than 1,000 but less than 10,000. Take note of the numbers that your classmates have given and complete the table below using the numbers that you gathered.

Put check (✓) in the appropriate space if the number is divisible by the number in the top row. Put (×) if it is not.

	Numbers	**2**	**3**	**5**	**9**	**10**
Example	**1,305**	×	✓	✓	✓	×
1.						
2.						
3.						
4.						
5.						