

Worksheet 5 | The Primary Stage of Grades (4-5) 2023-2024

Name:

Subject: **Math**

Date: / 11 / 2023

Class: Grade 4 CP (All Sections)

Objective: Be able to

Know and apply divisibility rules.

Divide 3 and 4 digits numbers by one digit.

Divisible means can be divided without a remainder.

The number is divisible by	If it meets the following Conditions	Example
2	It is even Ends with(0 Or 2 Or 4 Or6 Or 8)	152 398 150
3	Sum of the digits a multiple of 3	54 $5+4=9$ (9 is a multiple of 3) 654 ($6+5+4= 15$) 15 is a multiple of 3
4	The last 2 digits a multiple of 4 or divisible by 4OR 00	512 936 128 12,36 and 28 are all multiples of 4
5	The number ends with 5 OR Zero	620 135
6	The number is EVEN and a multiple of 3	654 even and sum of the digits is a multiple of 3. $6+5 +4 =15$ 15 is a multiple of 3
9	Sum of the digits a multiple of 9	792 ($7+9+2=18$) 18 is a multiple of 9

2) Put a (✓) if the number on the left is divisible by the number of each column. (The first one is done for you).

	Divisible by 2	Divisible by 3	Divisible by 4	Divisible by 6	Divisible by 9
300	✓	✓	✓	✓	
843					
925					
198					
736					
2380					

3) Complete the following statements

A number is divisible by -----	Example
a) 2 if the last digit is _____	
b) 5 if the last digit is _____	
c) 6 if the number is divisible by both _____	

4) Match the number to its divisibility rule.

6
2
5
3
9
4

—	1) Even number
—	2) last 2 digits 00 or multiple of 4
—	3) Sum of digits multiple of 9
—	4) Even and Sum of digits multiple of 3
—	5) Ends with 5 or 0
—	6) Sum of digits multiple of 3
—	

Steps of long division

- 1) Divide (DAD)
- 2) Multiply (Mom)
- 3) Subtract (Sister)
- 4) Bring down (Brother)
- 5) Repeat

Quotient

	x	3	2	1	
	3	9	6	4	Dividend
	-	9			
		0	6		
		-	6		
			0	4	
		-		3	
				1	Remainder

Divisor

Let's Try

	2	8	4	

5) Find the following:

$5 \overline{)635}$	$4 \overline{)976}$	$7 \overline{)819}$

$5 \overline{)835}$	$9 \overline{)621}$	$6 \overline{)912}$