

The Primary Stage of Grades (4-5)
School Year 2022 - 2023

Name: _____

Subject: Math

Date: / / 2022

Class: Grade 4 CP (C, D, E, F & G)

Worksheet (6)

Objectives:

- Understand and apply divisibility rules.

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 Or 6 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 4 OR 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
10	The number ends with at least one Zero	60 800
25	The number ends with 00 OR 25 Or 50 Or 75	325, 250, 875 , 400

1) Match the number to its divisibility rule.

6
2
5
3
9
25
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
—	7) Ends with 00 or 25 or 50 or 75

2) 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 _____	
d) 4 if the last 2 digits _____	

3) Circle the letters that are divisible by the given number. Write the letters in the order in the last column. Place those letters in order at the bottom of page to complete the puzzle.

Divisible by						
Numbers	3	4	5	8	9	Letters
99	A	T	U	J	B	AB
35,840	Z	I	R	D	K	
6,025	Q	Y	I	A	M	
856	O	N	D	H	E	
45	A	P	N	L	D	
13,420	K	I	S	U	R	
144	W	O	X	R	T	
684	H	T	B	O	W	
1,017	O	D	Y	K	I	
48	N	T	V	H	A	
71,936	S	E	T	B	Q	
7,965	U	P	S	C	H	



4) Use your knowledge of divisibility rules and circle each factor that the number is divisible by.

<p>57 Is divisible by 2, 3, 4, 5, 6, 9, 10, 25</p>	<p>84 Is divisible by 2, 3, 4, 5, 6, 9, 10, 25</p>
<p>342 Is divisible by 2, 3, 4, 5, 6, 9, 10, 25</p>	<p>453 Is divisible by 2, 3, 4, 5, 6, 9, 10, 25</p>

5) 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	Divisible by 25
300	√	√	√	√		√
843						
925						
198						
736						
2380						

