

## The Primary Stage of Grades (4-5) School Year2022 - 2023

Name: Date: /

Subject: Math

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(o 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 oo	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 oo OR 25 Or 50 Or 75	325, 250, 875 , 400				













1) Match the number to its divisibility rule.

6	]
2	<u>.</u>
5	
3	
9	
25	
ŀ	2

2	1) Even number
4	2) last 2 digits 00 or multiple of 4
9	3) Sum of digits multiple of 9
6	4) Even and Sum of digits multiple of 3
5	5) Ends with 5 or o
<u>3</u>	6) Sum of digits multiple of 3
XJ	7) Ends with 00 or 25 or 50 or 75

## 2) Compete the following statements

A number is divisible by	Example
a) 2 if the last digit is <u>even</u>	DDQOR2,ORYORGO8
b) 5 if the last digit is oo Q 5	10 of 125
c) 6 if the number is divisible by	211 2 4 60
both 2 and 3	3,4+2 even and sum of digita multiple
	9 Cons Italy
	digit must 3
d) 4 if the last 2 digits	
Of multiple	000
OF modelba	0.9
	0,8
	,
	2
2	26

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.

1st step sum of digit on the side								
and step write rules on Total								
um	Numbers	3	4	5	8	9	Letters	
18	= 99	A	Т	U	J	В	АВ	
20	35, 8 <u>40</u>	Z	(E)	R	0	К	IRD	
13	6, 025	Q	Υ	1	Α	М	I	
19	856	0	N	D	H	E	NH	
9	<u>45</u>	A	Р	(2)	L	D	AND	
10	13, 42 <u>0</u>	К	<u>(1)</u>	(y)	U	R	IS	
9	144	W	0	X	R	T	WORT	
18	684	H	T	В	0	W	HTW	
9	1,017	0	D	Y	К	1	OI	
12	48	N	T	٧	H	A	NTH	
26	71, 93 <u>6</u>	5	E	Т	(B)	0	EB	
27	7,965	U	Р	(5)	С	H	USH	



Som of diege (x) 2nd step odd leven

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

57 = 12 Is divisible by 2,(3) 4, 5, 6, 9, 10, 25

84 = 12eve Is divisible by 2/3,4,5,6,9,10,25

ever 342 = 9 Is divisible by (2,3) 4, 5, 6(9) 10, 25

odd 453=12 Is divisible by 2,(3) 4, 5, 6, 9, 10, 25

5) Put a  $(\sqrt{\ })$  if the number on the left is divisible by the number of each column. (The first one is done for you).

~			2,0	rule	write	e Kerl	25	and the second
177		Divisible by	Divisible by	Divisible by	Divisible by	Divisible by	Divisible by	
sum	/ <u></u>	even	3 Sum	400	6 2,3	9 Sum	25 <u>0</u> 0	125,50,75
3	300	V	V	V	V		V	
15	.843		~			2	ò	
16	925	17.00		)				
18	198							
16	7 <u>36</u>	1	A.H		4/1.I	8		
13	2380	/	MIL	1		9 .		

4 .

