

## The Primary Stage of Grades (4-5)

First Semester 2022 - 2023

Name: \_\_\_\_\_

Subject: Mathematics

Date: / /

Worksheet( 3 )

Class: Grade 5 (C,D,E,F&G)

**Objectives:**

Know and apply tests of divisibility by 2, 3, 4, 5, 6, 9, 10, 25 and 100.

1 ) Circle the numbers that are divisible by both 3 and 4.

27            3924            828            60

560            336            224

35004            9248            66033



**Divisibility Rules**

- 2** The number is even.
- 3** The sum of the digits is divisible by 3.
- 4** The last two digits of the number is divisible by 4.
- 5** The number ends in either 0 or 5.
- 6** The number is divisible by both 2 and 3.
- 9** The sum of the digits is divisible by 9.
- 10** The number ends in zero.
- PRIME** A number is prime when it is only divisible by 1 and itself.
- All numbers are divisible by 1.

2 ) Circle the numbers that are divisible by both 5 and 10.

470

13680

25

3120

875

1305

85

50

11555

7000

3 ) Use divisibility rules and circle the factors that the number is divisible by.

<b>57</b> is divisible by... 2 <b>3</b> 4 5 6 9 10	<b>84</b> is divisible by... 2 3 4 5 6 9 10	<b>126</b> is divisible by... 2 3 4 5 6 9 10	<b>230</b> is divisible by... 2 3 4 5 6 9 10
<b>342</b> is divisible by... 2 3 4 5 6 9 10	<b>453</b> is divisible by... 2 3 4 5 6 9 10	<b>610</b> is divisible by... 2 3 4 5 6 9 10	<b>857</b> is divisible by... 2 3 4 5 6 9 10
<b>916</b> is divisible by... 2 3 4 5 6 9 10	<b>2,058</b> is divisible by... 2 3 4 5 6 9 10	<b>8,616</b> is divisible by... 2 3 4 5 6 9 10	<b>73,260</b> is divisible by... 2 3 4 5 6 9 10

4 ) Use the divisibility rules and check mark the right box / boxes.

	Divisible by						
	2	3	4	5	6	9	10
1,818							
23,440							
7,317							
206							
11,109							
80							
2,002							
144							
45,585							
96							

5) Write true or false .

a) 34.0 is divisible by 10.

b) 48065 is not divisible by 2.

c) 8418 is divisible by 4.

d) 978 is not divisible by 6.

6) Use each of the following number cards only once to make statements true.

**62**

**634**

**2**

**900**

**4**

**995**

**25**

**870**

a)  is divisible by 2.

b)  is divisible by 5.

c) 975 is divisible by .

d)  is divisible by 10.

e) 876 is divisible by .

f)  is divisible by 100.

g)  is divisible by .