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

Name: __Key__

Date: / /2022

Subject: Math

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

Revision 3

Objectives:

- Recognize square numbers from 1 to 100.
- Differentiate between Prime and composite numbers.
- Understand and apply divisibility rules.

Square numbers can be also written in the form 4^2 OR

$4 \times 4 = 16$

Square number: is the product of multiplying a number by itself.

5^2 is read 5 to the power 2

Or five squared which is equal to $5 \times 5 = 25$

25 is a square number

1) Solve the following:

a) $6^2 = $ __6 × 6__ $= 36$

b) $9^2 = $ __9 × 9__ $= 81$

c) $7^2 = $ __7 × 7__ $= 49$

d) $8^2 = $ __8 × 8__ $= 64$

e) $\boxed{4}^2 = 16$

f) $\boxed{5}^2 = 25$

1

2)Use the digits below to complete these statements. You
can use each digit as many times as you like.

| 1 | 3 | 4 | 5 | 6 |

45
55
65

OR 3 5
a) 1 5   Is a multiple of 5

b) 3 6   Is a multiple of 6 and a square
number

45
36

c) 5 4   Is a multiple of 9

31
11

OR d) 1 3   Is a Prime number

3)Use only square numbers to complete the following
statements. (1, 4, 9, 25, 36, 49, 64, 81, 100)

a) 9 + 1 = 10
$3^2 + 1^2$
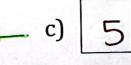
b) 16 + 4 = 20
$4^2 + 2^2$

c) 36 + 4 = 40
$6^2 + 2^2$

d) 25 + 25 = 50
OR 49 + 1

2

4) Write true or false next to each statement showing the correct answer.

a) All numbers divisible by 100 are divisible by 4 ___T___.

b) All odd numbers are divisible by 3 ___F___.

c) All even numbers are divisible by 4 ___F___.

5) Use numbers 0 to 9 only once to complete the puzzle.

6 or 702

Divisible by 3 and 9
$\boxed{8}$ $\boxed{0}$ $\boxed{1}$ sum of digits multiple of 9
3 above first box, 6 above third, 5 below first, 4 below third

Divisible by 4 and 6
$\boxed{6}$ $\boxed{0}$ $\boxed{0}$ OR any multiple of 4

Divisible by 2 and 5
$\boxed{any}$ $\boxed{7}$ $\boxed{0}$

Divisible by 4 and 9
$\boxed{9}$ $\boxed{1}$ $\boxed{6}$ or 3 6

Divisible by 3 and 5
$\boxed{9}$ $\boxed{1}$ $\boxed{5}$

Divisible by 2 and 9
$\boxed{5}$ $\boxed{9}$ $\boxed{4}$ OR 0 OR 3 6

Divisible by 6 and 5
$\boxed{3}$ $\boxed{3}$ $\boxed{0}$
6
9

3

6) Find the sum of all the prime numbers below.

1 ③ 10 ⑪ 15 ⑲
25 6 ⑦ 16 18 ㉓

$3 + 11 + 19 + 7 + 23 =$

63

7) Write down the first 5 multiples of the following.

Number	1st multiple	2nd multiple	3rd multiple	4th multiple	8th multiple
4	4	8	12	16	32
20	20	40	60	80	160
9	9	18	27	36	72

8) List the factors of the following numbers in order starting with the smallest.

a) 18

1,2,3,6,9,18

b) 25

1,5,25

c) 19

1,19

4

Guess my number:

a) Tom says:

My number is a square number. It is odd and it is 50 when rounded to the nearest 10.

Who AM I?

odd & square

Choose from: 9, 25, 49, 81

$$49 \xrightarrow{10} 50$$

My number is a square number. It is even and a multiple of 4 and one of its factors is 9.

Who AM I?

square & even

choose from (4, 16, 36, 64, 100)

36

b) Sally says:

My number is divisible by 5 and even and it is more than 30 and less than 45

end zero

My number has only two factors and it is more than 10 and less than 18.

40

11, OR 13 OR 17

c) Help Adriana to choose from the box below the correct number.

i)

I am an even number.
I am divisible by 3. *sum*
One of my factors is 4.
I am not divisible by 5.

Who am I? **324**

183 *odd*	324 *even*	540 *even*
	sum ⑨	*sum* ⑨

Divisible by 4

Divisible by 4

Not divisible by ⑤

ii)

* I am not divisible by 2. *odd*
*I am not a multiple of 5. *ends 0 or 5*
*I am divisible by 3 but not divisible by 6.
One of my factors is 9.
Who am I? **657**

486 *even*	245 *11 sum*	657 *18 sum*
odd		*odd*

divisible by 3

(MATH)² GENIUS

CamScanner