

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

Name: ..... *Key* .....

Date: / 11 / 2023

Subject: Math

Class: Grade 4 CP (All Sections)

Objective: Be able to

Understand the meaning of a prime number.

Differentiate between prime and composite numbers.

Know square numbers up to 100

Prime number: is a whole number that has two factors ONLY One and the number itself.

Composite number: Is the whole number that has more than two factors. (Other than one and itself)

Square number: Is the product of multiplying the number by itself

1) Circle the square numbers from the box below.

1	49	4	17	36	89	144
75	101	81	123	46	9	
100	25	66	16	121	12	64

2) List the prime numbers between the given numbers below:

a) 0, 2, 3, 5, 7, 10

b) 10, 11, 13, 17, 19, 20

c) 20, 23, 29, 30

3) Write true or false next to each of the following statements:

a) 12 is a <sup>mom</sup> multiple of 24 F

b) 15 is a <sup>baby</sup> factor of 3 F

c) 18 is a <sup>mom</sup> multiple of 9 T

d) 9 is a <sup>baby</sup> factor of 45 T

e) 42 is a multiple of 6 and 7 T

4) Factors of 24 are: 1, 24, 2, 12, 3, 8, 4, 6

Composite factors: 24

Prime factors 2, 3

12  
8  
4  
6

table below:

Square Number Notation	Multiplication Expression	Answer
$3^2$	$3 \times 3$	9
$5^2$	$5 \times 5$	25
$7^2$	$7 \times 7$	49
$9^2$	$9 \times 9$	81
$10^2$	$10 \times 10$	100

6) Write  $<$ ,  $>$  or  $=$  to complete the statements:






$20^2$   $<$  420  
 $20 \times 20$   
400

$30^2$   $=$  900  
 $30 \times 30$   
900

3500  $>$  50 squared =  $50^2$   
 $50 \times 50$   
2500

100 squared  $>$  1000  
 $100 \times 100$   
10,000

7) Complete the table below:

Array	Calculation	Square Number Notation
	$3 \times 3 = 9$	$3^2 = 9$
	$4 \times 4 = 16$	$4^2 = 16$
	$5 \times 5 = 25$	$5^2 = 25$
	$6 \times 6 = 36$	$6^2 = 36$
	$7 \times 7 = 49$	$7^2 = 49$