المدرسة
الوطنية الأرثوذكسية
الشميساني

The National
Orthodox School
Shmaisani

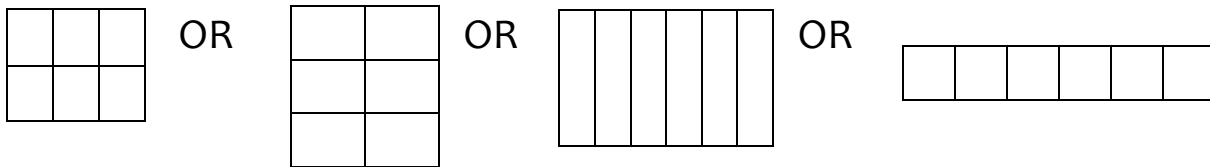**The Primary Stage of Grades (4-5)**
**School Year 2022 - 2023**

**Name:** _____                    **Subject:** Mathematics
**Date:**    /    / 2022                    **Class:**  4CP (C,D,E,F&G)

**Worksheet (5)**

_____

**Objective/s:  Be able to recognize prime numbers.**

1) To make a total of 6 boxes (what numbers you multiply together to get 6)



| | | | |
|---|---|---|---|
| 3x2 | OR    2x3 | OR    6x1 | OR    1x6 |

So 6 has **Four** factors  (1 ,2,3,6)

2) To make a total of 5 boxes.  Draw the boxes below(what numbers you multiply together to get 5)

So 5  has _____ factors  (                    )

3) To make a total of 7 boxes.  Draw the boxes below(what numbers you multiply together to get 7)

So 7 has _____ factors  (                    )

4) To make a total of 8 boxes.  Draw the boxes below (what numbers you multiply together to get 8)

So 8 has _____ factors  (                    )

To make a total of 9 boxes(what numbers you multiply together to get 9)

So 8 has _____ factors  (                    )

5) To make a total of 11 boxes(what numbers you multiply together to get 11)

So 11 has _____ factors  (                    )

List the numbers that have **TWO factors Only** _____

These factors are _____ and _____.

These numbers are called _____ Numbers.

Composite numbers are: _____.

6) Circle the prime numbers and underline composite numbers below:

| 3 | 6 | 10 | 2 | 14 | 11 |
|---|---|----|---|----|----|
| 21 | 5 | 22 | 23 | 30 | |
| 42 | 29 | 41 | 50 | 28 | 46 |
| 52 | 47 | 53 | 54 | 60 | |

Prime numbers are the numbers that: _____

_____.

7) Can A square number be a prime number? Explain.

_____

8) Use prime numbers between 1 and 20 to find the following:

| List all Prime numbers between 1 and 20. |
| --- |
|  |

a) Two prime numbers that have a total of 24 are
_____ and _____.

b) The difference between Two prime numbers is 8, the two prime numbers are _____ and _____.

c) The product of two prime numbers is 22. the two prime numbers are _____ and _____.