

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

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.

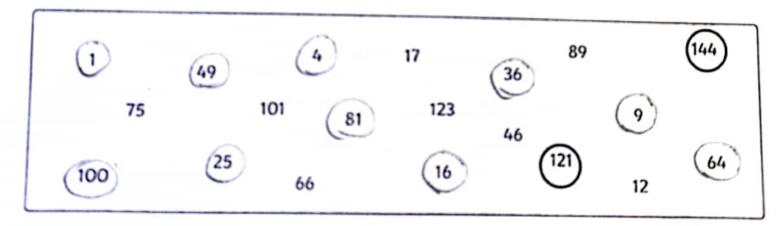
Know square numbers up to 100

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.



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

- 3) Write true or false next t each of the following statements:
  - a) 12 is a multiple of 24\_\_\_\_
  - b) 15 is a factor of 3 F
  - c) 18 is a multiple of 9 T
  - d) 9 is a factor of 45\_\_\_\_\_
  - e) 42 is a multiple of 6 and 7\_\_\_\_\_
- 4) Factors of 24 are: 1, 24, 2, 12, 3, 8, 4, 6

Prime factors 2,3

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Square Number Notation	Multiplication Expression	Answer
3 <sup>2</sup>	3 × 3	9
5 <sup>2</sup>	5 × 5	25
72	7 × 7	49
9 <sup>2</sup>	9×9	81
102	10 × 10	100

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

$$\begin{array}{c|c}
20^{2} & \boxed{420} \\
20 \times 20 \\
30^{2} & = 900
\end{array}$$

$$\begin{array}{c|c}
30^{2} & = 900
\end{array}$$

$$\begin{array}{c|c}
3500 & \boxed{50 \text{ squared}} & 50^{2} \\
50 \times 50 \\
2500
\end{array}$$

$$\begin{array}{c|c}
100 \text{ squared} & \boxed{5000} \\
100 \times 1000 \\
100 \times 1000
\end{array}$$

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## 7) Complete the table below:

Array	Calculation	Square Number Notation
000	3 × 3 = 9	3 <sup>2</sup> = 9
0000	4 × 4=16	4 <sup>2</sup> = 16
00000 00000 00000 00000	5 × 5 = 25	5 <sup>2</sup> = 25 \
00000 00000 00000 00000 00000	6 × 6 = 36	6=36
	7×7=49	<b>7</b> <sup>2</sup> = 49