**SNBP International & Senior Secondary School, Chikhali, Pune**
**Affiliation No. 1130703**
**Academic session 2024-25**
**WORKSHEET-03**

**Name: _____** **Date :**
**Class: 6 Div: _____** **Subject: Math**
**Prepared By: Ms. Snehal Devake** **Ch 3 – Playing with Numbers**

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**Q.1) Choose the correct options.**

1. Which of the following is smallest prime number?
   (a) 1 (b) 2 (c) 3 (d) 4
2. The only prime number which is also even:
   (a) 1 (b) 2 (c) 4 (d) 6
3. If a number is divisible by 2 and 3 both then it is divisible by:
   (a) 5 (b) 6 (c) 8 (d) 10
4. Which of the following number is divisible by 3?
   (a) 121 (b) 123 (c) 124 (d) 122
5. A number is divisible by 4 if its:
   (a) last digit is 4 (b) last digit is 0
   (c) last two digits are divisible by 4 (d) last digit is 8
6. Two numbers having only 1 as common factor are called:
   (a) prime numbers (b) co-prime numbers
   (c) composite numbers (d) odd numbers

**Q.2) Which of the following numbers are co-prime?** (a) 8 and 15 (b) 17 and 34

**Q.3) Write down the factors of:** (a) 20 (b) 36 (c) 45 (d) 16

**Q.4) Write first five multiples of:** (a) 15 (b) 26

**Q.5) Write the prime numbers between 10 and 40.**

**Q.6) Find the LCM of the following numbers:** (a) 11 and 4 (b) 125 and 5

**Q.7) Find the HCF of the following numbers:** (a) 35, 42 (b) 81, 63

**Q.8)** A seminar is being conducted by an Educational Organisation, where the participants will be educators of different subjects. The number of participants in Hindi, English and Mathematics are 60, 84 and 108 respectively.

**1. The LCM of 60, 84 and 108 is**
   a) 3780 b) 3680 c) 4780 d) 4680
**2. The product of HCF and LCM of 60,84 and 108 is**
   a) 55360 b) 35360 c) 45500 d) 45360
**3. 108 can be expressed as a product of its primes as**
   a) $2^3 \times 3^2$ b) $2^3 \times 3^3$ c) $2^2 \times 3^2$ d) $2^2 \times 3^3$

**SUBJECT TEACHER HOD CO-ORDINATOR PRINCIPAL**