



ARMY PUBLIC SCHOOL, HISAR  
CLASS VI(MATHS)  
CHAPTER – PLAYING WITH NUMBERS  
WORKSHEET

1. Which of the following is an odd composite number?  
A. 7                                      B. 9                                      C. 17                                      D. 20
2. Which of the following is a prime number?  
A. 69                                      B. 87                                      C. 91                                      D. 97
3. The sum of the prime factors of 1729?  
A. 13                                      B. 19                                      C. 32                                      D. 39
4. Which of the following is a pair of co- prime numbers?  
A. 8, 45                                      B. 3, 18                                      C. 5, 35                                      D. 6, 69
5. Which of the following numbers is divisible by 3?  
A. 50762                                      B. 42063                                      C. 52871                                      D. 37036
6. The digit by which 'a' should be replaced in 54a281 so that the number formed is divisible by 9 is  
A. 6                                      B. 7                                      C. 8                                      D. 9
7. The HCF of 144 and 198 is  
A. 6                                      B. 9                                      C. 12                                      D. 18
8. The LCM of 30 & 45 is  
A. 15                                      B. 90                                      C. 125                                      D. 180
9. The only natural number which has exactly one factor is .....
10. The only prime number which is even is .....
11. The HCF of two co-prime numbers is .....
12. Two perfect numbers are .....and .....
13. The only prime triplet is .....
14. Determine the least number which when divided by 3, 4 and 5 leaves remainder 2 in each case.
15. Find the LCM of 160, 170 and 90.
16. A merchant has 120 litres of oil of one kind, 180 litres of another kind and 240 litres of a third kind. He wants to sell the oil by filling the three kinds of oil in tins of equal capacity. What should be the greatest capacity of such a tin?

## ANSWERS

1. B(9)
2. D(97)
3. D(39)
4. A(8,45)
5. B(42063)
6. B(7)
7. D(18)
8. B(90)
9. 1(ONE)
10. 2(TWO)
11. 1(ONE)
12. 6 & 28
13. 3, 5, 7
14. 62
15. 24480
16. Greatest capacity of such a tin is 60 litres.