Playing with Numbers Worksheet – 2

1. Write the first 3 multiples of 11.

a)   22, 23, 24   b)   22, 33, 44

c)   11, 22, 33   d)   None of these

2. What are the possible factors of 72?

a)   2, 3, 4, 6, 8, 9, 12, 18, 24, 36

b)   1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72

c)   1, 2, 3, 4, 6, 12, 18, 24, 36, 72

d)   1, 2, 3, 4, 6, 8, 9, 14, 18, 24, 36, 72

3. Which of the following numbers are divisible by 2?

        205, 7073, 1274, 15430

a)   205, 7073   b)   1274, 7073

c)   15430   d)   1274, 15430

4. Which of the following numbers are divisible by 3?

        129, 1235, 2130, 8113

a)   129, 1235   b)   129, 2130

c)   2130, 8113   d)   129, 8113

5. Which of the following number are divisible by 5?

a)   20050   b)   453654

c)   47568   d)   None of these

6. Which of the following numbers are divisible by both 5 and 10?

        20055, 45893, 473450, 879456

a)   879456   b)   20055

c)   473450   d)   None of these

7. Which of the following numbers are divisible by 4?

        226, 8022, 78532, 8200

a)   226, 8022   b)   8022, 78532

c)   78532, 8200   d)   None of these

8. Which of the number are divisible by both 3 and 9?

a)   229

b)   2025

c)   6006

d)   None of these

9. Which of the following number is divisible by 3 but not by 9?

a)   2013

b)   2056

c)   2123

d)   None of these

10. Which of the following numbers are divisible by 8?

     27386, 334720, 56733, 25645

a)   27386

b)   334720

c)   56733

d)   25645

11. Which of the following number is divisible by 7?

a)   334720

b)   495565

c)   465235

d)   None of these

12. The HCF of two consecutive odd numbers is _____.

a)   0

b)   1

c)   2

d)   3

13. The HCF of the numerator and the denominator of a fraction which is in its lowest form is ____.

a)   0

b)   Always an odd number

c)   1

d)   Always an even number

14. A number is divisible by both 5 and 9. By which other number will that number be always divisible?

a)   50

b)   55

c)   72

d)   45

15. Which of the following numbers has exactly 4 factors?

a)   24

b)   14

c)   16

d)   None of these

16. If an even number is divided by 2, then the quotient is always even. Mark True / False.

a)   True

b)   False

17. Every number is a factor of itself. Mark True / False.

a)   True

b)   False

18. All even numbers are composite numbers, mark True / False.

a)   True   b)   False

19. LCM of two co-prime numbers can not be equal to their products. Mark True / False.

a)   True   b)   False

20. The HCF and LCM of two numbers is 36 and 72 respectively. If one number is 24, then find out the other number.

a)   72   b)   100

c)   84   d)   108