



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



CLASS 8

SUBJECT :ArithmeticWork sheet15

Marks:15PLAYING WITH NUMBERS

Date:6.3.21

Answer all the following questions($1 \times 15 = 15$)

1. Which of the numbers is divisible by 10?

- (a) 13210
- (b) 61725
- (c) 12412
- (d) 800001

2. By which of the following number 9042 is not divisible? 2, 3, 6, and 9

- (a) 2
- (b) 3
- (c) 9
- (d) 6

3. Identify the missing digit in the number 234,4_6, if the number is divisible by 4.

- (a) 2
- (b) 6
- (c) 4
- (d) 5

4. $32 + m$ is a prime number. What is the least value of 'm'?

- (a) 3
- (b) 5

(c) 6

(d) 4

5. Which is the least number of 4 digits that is exactly divisible by 13?

(a) 1052

(b) 1039

(c) 1032

(d) 1001

6. When is a number always divisible by 90?

(a) If it is divisible by both 2 and 45.

(b) If it is not divisible by both 5 and 18.

(c) If it is not divisible by both 9 and 10.

(d) If it is divisible by 3 and 20.

7. A prime number is greater than 30 and lesser than 60. What is the greatest possible such number?

(a) 37

(b) 53

(c) 43

(d) 59

8. Which number is divisible by 6?

(a) 468

(b) 213

(c) 621

(d) 573

9. Write in the usual form: $10 \times 5 + 6$

(a) 65

(b) 54

(c) 56

(d) 25

10. By which of the following numbers is 477 not divisible?

- (a) 3
- (b) 7
- (c) 53
- (d) 9

11. Which of the following is not prime?

- (a) 107
- (b) 127
- (c) 153
- (d) 197

12. What value should be given to * so that the number $653*47$ is divisible by 11?

- (a) 1
- (b) 6
- (c) 2
- (d) 9

13. Write in the usual form: $100 \times 7 + 10 \times 1 + 8$

- (a) 871
- (b) 718
- (c) 178
- (d) 781

14. If a number is divisible by 9, it is also divisible by which number?

- (a) 3
- (b) 6
- (c) 2
- (d) 4

15. The number 21436587 is divisible by _____.

- (a) 2

(b) 9

(c) 6

(d) None of these

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