

1st Term Endterm Exam Exercises

Number Values and Expanded Form

① What is the value of the bolded number?

- 2,0**6**5:
- **17**,218:
- **6**90,451
- **84**2,193:
- **18**9:
- **64**1:
- 93,**714**:
- 39,**53**7:

② Write the expanded form of the following.

- 6,391 =
- 19,372 =
- 847 =
- 86,103 =

Reading and Writing Numbers in Words

③ Write the following numbers in words.

- 369:
- 67,522:
- 1,250:
- 97,172:

Comparing Numbers with <, >, and =

④ Complete the following statements.

- 12 16
- 1,387 1,378
- -9 -2
- 23,502 13,404
- 730 257
- -16 3
- -17 12
- -234 -8,204

Rounding Numbers

⑤ Round the following to the nearest 10, 100 and 1,000.

	Nearest 10	Nearest 100	Nearest 1,000
27			
412			
1,309			
392,018			
94,194			

Roman Numerals

⑥ Complete the following table.

17		3	34			36
	XXIX			XVIII	IX	

Factors

⑦ Write all the factors of the following.

- 20:
- 14:
- 32:
- 42:

Prime Factors

⑧ Write the prime factors of the following.

- 24 =
- 18 =
- 50 =
- 60 =

Highest Common Factor (HCF)

⑨ Find the HCF of the following.

- 9 and 18 using all the factors:
- 20 and 30 using all the factors:
- 32 and 28 using prime factors:
- 15 and 12 using prime factors:

Lowest Common Multiple (LCM)

⑩ Find the LCM of the following.

- 8 and 12 using multiples:
- 8 and 6 using multiples:
- 24 and 18 using prime factors:
- 42 and 14 using prime factors:

Square Numbers

⑪ Calculate the square numbers of the following.

- $3^2 =$
- $6^2 =$
- $5^2 =$
- $8^2 =$

Negative Numbers

⑫ Calculate the following.

- $-4 + 7 =$
- $19 - 20 =$
- $53 - 63 =$
- $-3 + 18 =$
- $-9 - 4 =$
- $-24 + 8 =$
- $-14 - 3 =$
- $6 - 10 =$

Multiplication

⑬ Calculate the following.

- $50 \times 200 =$
- Using the Box Method: $639 \times 52 =$
- Using the Lattice Method: $127 \times 42 =$
- $400 \times 3,000 =$
- Using the Box Method: $12 \times 48 =$
- Using the Lattice Method: $2,379 \times 683 =$

Divisibility Rules

⑭ Tick every field where the number on the left is divisible by the number on the top.

	2	3	5
68			
180			
693			
1,725			
849,144			

Division

⑮ Calculate the following. Remember that you can use the written division.

- $64 \div 8 =$
- $148 \div 2 =$
- $16,088 \div 8 =$
- $24 \div 4 =$
- $1,725 \div 5 =$
- $195 \div 3 =$
- $226 \div 2 =$
- $90,033 \div 3 =$
- $910,170 \div 5 =$