

TD1 :Numbers and arithmetic Operations

Exercise 6: Write down the spelling of these mathematical sentences

$$12 + 1/3 \leq x - 7$$

$$3x \times 26 > 20 : y$$

$$x(2y + 3) \neq 111.909$$

$$(2 + x)/35 < 23/45$$

Exercise 7 : Use the right words to complete these sentences.

2367 is _____ by nine.

3 is _____ of 34.

The _____ of three and four is twelve.

Eighteen subtracted __ twenty equals _____.

3 is the _____ and 5 is the _____ of three fifths.

Exercise 8:

1. Write down five first multiples of 8
2. Write down all divisors of 18.
3. Find all common divisors of eighteen and thirty-three.
4. Write down the simplest form of $91/234$
5. Find the sum of the reciprocals of two numbers, given that these numbers have a sum of 50 and a product of 25.
6. What is the product of the greatest common divisor of 9633 and 4693 and the least common multiple of the same numbers?
7. Let x be the smallest of three positive integers whose products is 720. Find the largest possible value of x .
8. If P represents the product of all prime numbers less than 1000, what is the value of the units digit of P ?
9. Find a positive integer that is eleven times the sum of its digits?
10. What is the greatest common divisor of 120 and 49?
11. The product of 803 and 907 is divided by the sum of 63 and 37. What is the remainder?
12. The average of four consecutive even integers is 17. Find the largest of the four integers.
13. When the six-digit number $3456N7$ is divided by 8, the remainder is 5. List both possible values of the digit N .