

TD1 :Numbers and arithmetic Operations

Exercise 1 : Read out the following operations, and for every operations name each number's function.

- $1,209 + 118 = 1,327$
- $135 + (-132) = 3$
- $2 - (-25) = 27$
- $52 - 65 = -13$
- $9 \times 26 = 234$
- $-111 \times 99 = -10,989$
- $36 : 9 = 4$
- $1375 : (-25) = -55$

Exercise 2: Fill the blank spaces with the right words.

- The _____ of three and seven is twenty-one.
- The operation that uses symbol $—:|$ is called _____.
- 14 is the _____ of 13, and the predecessor of 13 are _____.
- The result of division is called _____.
- Three multiplied _____ five equals _____.
- In 123,456,789, the hundred thousands digit is _____, and 9 is the _____.
- We select a _____ number htu, as $100h + 10t + u$, where h represents the _____ digit, t represents the _____ digit, and u represents the units digit.
- When we _____ two numbers, for example seven plus thirteen, the answer (twenty) is called _____.

Exercise 3: Read out the following fractions

- $\frac{2}{5}$
- $\frac{3}{4}$
- $\frac{5}{8} * \frac{1}{4} = \frac{5}{32}$
- $2\frac{1}{2} : \frac{9}{10} = 3\frac{2}{5}$
- $\frac{1}{9} - \frac{1}{8} \neq \frac{1}{24}$
- 13,945.614
- 43.554
- $6.9 \times 2.2 = 15.18$
- $72.4 \times 61.5 = 4452.62$

Exercise 4: Fill the blank spaces with the right words.

- In the fraction seven ninths, _____ is the numerator, and _____ is the _____.
- The _____ of two thirds and a half is four over three.
- An integer plus a fraction makes a _____.

Exercise 5: Read the following conversation

A : I have two numbers, 36 and 42. Can you say their factors?

B : The factors of 36 are 1,2,3,4,6,9,12,24, and 36. 1,2,3,6,7,14,21, and 42 are factors of 42.

A : So, what are their common factors?

B : They are 1,2,3, and 6.

A : And what is the greatest common divisor of 36 and 42?

B : It's 6.

Make a small conversation about gcd or lcm of other numbers.