

## **SNS** academy



## an International CBSE Finger Print School Coimbatore

## **Homework**

- 1. A number which can be expressed as  $\frac{p}{q}$  where p and q are integers and  $q \neq 0$  is
  - (a) natural number.
- (b) whole number.

(c) integer.

- (d) rational number.
- **2.** A number of the form  $\frac{p}{q}$  is said to be a rational number if
  - (a) p and q are integers.
  - (b) p and q are integers and  $q \neq 0$
  - (c) p and q are integers and  $p \neq 0$
  - (d) p and q are integers and  $p \neq 0$  also  $q \neq 0$ .
- 3. The numerical expression  $\frac{3}{8} + \frac{(-5)}{7} = \frac{-19}{56}$  shows that
  - (a) rational numbers are closed under addition.
  - (b) rational numbers are not closed under addition.
  - (c) rational numbers are closed under multiplication.
  - (d) addition of rational numbers is not commutative.
- 4. Which of the following is not true?
  - (a) rational numbers are closed under addition.
  - (b) rational numbers are closed under subtraction.
  - (c) rational numbers are closed under multiplication.
  - (d) rational numbers are closed under division.