



**INDIAN SCHOOL AL WADI AL KABIR**  
**Class VI, Mathematics**  
**WORKSHEET: FRACTIONS (2026-27)**  
27.04.2026

**Section-A(2m)**

Q.1	Find the value of the following: a) $\frac{8}{11} - \frac{5}{11}$ b) $\frac{7}{9} + \frac{2}{7}$
Q.2	Yogesh was given $\frac{3}{8}$ of a basket of apples. What fraction of apple was left in the basket?
Q.3	Check whether the following fractions are equivalent or not. a) $\frac{5}{6}$ and $\frac{15}{21}$ b) $\frac{3}{12}$ and $\frac{5}{20}$
Q.4	Express the fraction in lowest form: a) $\frac{144}{128}$ b) $\frac{98}{84}$
Q.5	Convert the following fractions to improper fraction. a) $23\frac{4}{5}$ b) $17\frac{9}{10}$
Q.6	Write any five equivalent fractions: a) $\frac{4}{9}$ b) $\frac{5}{11}$
Q.7	Represent following rational numbers on a number line: a) $\frac{3}{5}, \frac{4}{5}, \frac{0}{5}, 1$ b) $\frac{1}{7}, 0, \frac{3}{7}, \frac{5}{7}$
<b>Section-B(3m)</b>	
Q.8	Leena read 25 pages of a book containing 125 pages. Seena read $\frac{4}{5}$ of the same book. Who read less and by how much less?
Q.9	Jaidev takes $\frac{4}{9}$ minutes to walk across the school ground. Arun takes $\frac{7}{11}$ minutes to do the same. Who takes less time and by what fraction?
Q.10	Nazima gave $2\frac{3}{4}$ litres out of the $5\frac{1}{2}$ litres of juice she purchased to her friends. How many litres of juice is left with her?
Q.11	In a three-storey building, $\frac{2}{5}$ of the total residents are males, $\frac{1}{4}$ are females. What fraction of the total residents are children?

### Section-C(4m)

Q.12

In a library with 1200 books, the books are categorized into five genres: Mystery, Science Fiction, History, Biography, and Poetry. If 400 books are Mystery, what fraction of the total is this in simplest form? There are 300 History books. Write the fraction of History books in its simplest form.

Q.13

The fish caught by Reena was of weight  $2\frac{5}{7}$  kg and the fish caught by Naveen was  $2\frac{3}{5}$  kg. Find the total weight of fish caught by both of them. Who caught less fish by how much?

Q.14

Deepak painted  $\frac{3}{10}$  part of a wall, Bobby painted  $\frac{7}{15}$  of the same wall and the rest part of the wall was painted by their sister Molly. How much portion of the wall was painted by her? Who painted more?

Q.15

#### **CASE STUDY-1:**

Shilpa travels to her office every day, which is  $12\frac{1}{2}$  km away from her home. To reach her office, she uses different modes of transport. She first walks  $1\frac{1}{2}$  km from her house to the bus stop. Then she takes a bus and travels  $5\frac{1}{4}$  km. After getting down from the bus, she takes an auto to cover the remaining distance and reach her office on time.



Based on the situation, answer the following questions.

- Which mode of transport covers the maximum distance in her journey?
- What is the total distance from Shilpa's home to her office?
- How much distance does she cover on foot and by bus together?

Answers									
1	a) $\frac{3}{11}$ b) 1	2	$\frac{5}{8}$	3	a)No, b)Yes	4	$\frac{9}{8}, \frac{7}{6}$	5	$\frac{119}{5}, \frac{179}{10}$
6	Any 5	7	No. line	8	Leena $\frac{3}{5}$	9	Jaidev, $\frac{19}{99}$	10	$\frac{11}{4}$
11	$\frac{7}{20}$	12	$\frac{1}{3}, \frac{1}{4}$	13	$\frac{186}{35}$ Naveen $\frac{4}{35}$ kg	14	$\frac{7}{30}$ Boby painted more	15	i)bus ii) $12\frac{1}{2}$ km iii) $6\frac{3}{4}$ km

