



INDIAN SCHOOL NIZWA–WORKSHEET

	MATHEMATICS	
	CH-7 Fractions	
Name:_____	Date:_____	Class: VI Sec:___

I. Answer the following:

- Write a proper fraction whose numerator and denominator add upto 10. How many fractions of this kind can you make?
- If the fraction $\frac{119}{19}$ is represented in the form of $j \frac{y}{19}$, what is the value of j and y ?
- The fraction $\frac{17}{34}$ in simplest form is _____.
- The biggest among $\frac{1}{4}$, $\frac{3}{5}$, $\frac{7}{10}$ and $\frac{1}{4}$
 - $\frac{1}{4}$
 - $\frac{7}{10}$
 - $\frac{3}{5}$
 - $\frac{1}{2}$

II. Represent the following fractions on the number line.

- $\frac{8}{9}$
- $\frac{5}{7}$
- $\frac{6}{6}$

III. Write 3 equivalent fractions for the following fractions.

- $\frac{24}{96}$
- $\frac{3}{5}$

IV. Compare using $<$, $>$ or $=$ sign.

- $\frac{1}{2}$ _____ $\frac{13}{39}$
- $\frac{3}{4}$ _____ $\frac{5}{45}$
- $\frac{16}{15}$ _____ 0
- $\frac{18}{24}$ _____ $\frac{6}{10}$

V. Find equivalent fractions for $\frac{24}{16}$ with:

- Numerator 3
- Denominator 4

VI. Reduce to lowest terms.

- $\frac{24}{36}$
- $\frac{16}{48}$
- $\frac{70}{98}$
- $\frac{33}{77}$

VII. Arrange in ascending order.

$$\frac{2}{16}, \frac{5}{7}, \frac{2}{5}, \frac{7}{8}$$

VIII. Solve:

1. $\frac{9}{10} + \frac{7}{20}$

2. $\frac{7}{8} - \frac{3}{6}$

3. $2\frac{7}{9} - \frac{1}{3}$

4. $\frac{6}{20} + \frac{4}{5}$

5. $2\frac{3}{7} + 3\frac{2}{3}$

6. Manisha used $4\frac{2}{3}$ cups of sugar and $7\frac{2}{3}$ cups of flour for making a cake. How many cups of sugar and flour did she use altogether?

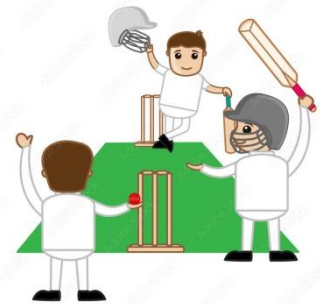
7. What should be added to $6\frac{2}{3}$ to get $17\frac{2}{3}$?

8. Rita's weight is $35\frac{2}{3}$ kg and Anu's weight is $45\frac{5}{3}$ kg. Who is heavier and by how much?

9. Case study:

During the week, a cricket team practiced for a total of 15 hours.

- On Monday, they practiced for $\frac{2}{5}$ of the total time.
- On Wednesday, they practiced for $\frac{1}{3}$ of the total time.
- The remaining time was used for practice on Friday.



Questions:

- a) How many hours did they practice on Monday?
- b) Did they practice more on Wednesday or Friday? By how many hours?
- c) What fraction of the total practice time was spent on Friday?
- d) How many hours were spent practicing on Monday and Wednesday combined?
- e) Represent the practice time on Friday as a simplified fraction of the total.