

VASISHTHA GENESIS SCHOOL, BARDOLI

(Academic Session: 2026-27)

Date: _____

Class: VI

Div: A/B/C/D

Roll No: _____

Sub: Maths

Name: _____

Worksheet: Chapter-7

Fractions

1.	Fill up the boxes with <, >, = a) $\frac{5}{5}$ 1 c) 1 $\frac{3}{5}$	b) $\frac{9}{5}$ 1 d) $\frac{3}{5}$ $\frac{7}{3}$
2.	Express the following as a improper fraction: a) $7\frac{3}{5}$	b) $16\frac{4}{5}$
3.	Express the following as a mixed fraction: a) $\frac{34}{5}$	b) $\frac{49}{8}$
4.	Determine an equivalent fraction for the following fractions: a) $\frac{31}{5}$ with 25 as denominator	b) $\frac{7}{8}$ with 49 as numerator
5.	Write the following numbers in ascending and descending order: a) $\frac{1}{5}$, $\frac{3}{10}$, $\frac{3}{10}$	b) $5\frac{1}{6}$, $5\frac{2}{3}$, $5\frac{3}{5}$

6.

Simplify:

a) $3\frac{4}{7} + 2\frac{3}{8} + \frac{3}{56}$

b) $18\frac{5}{7} - 2\frac{1}{3} + \frac{15}{21}$

c) $10 - 4\frac{2}{3}$

d) $2\frac{1}{4} + 2\frac{3}{7} - \frac{15}{28}$

7.	Aryaa reads 20 pages of a book containing 160 pages. Diya read $\frac{1}{3}$ of the same book. Who read more?
8.	One fine morning Ananya walked $8\frac{1}{2}$ km, Paresh walked $5\frac{1}{3}$ km and Shrey walked $4\frac{1}{6}$ km. Find the total distance covered by them.
9.	The perimeter of a triangle is $23\frac{4}{5}$ m. If two of its sides are $9\frac{1}{5}$ m and $8\frac{3}{5}$ m respectively, find the length of the third side.

10	What fraction of day is 8 hours?	11	What fraction of month is 21 days?
12	Reduce to their lowest term a) $\frac{84}{168}$		b) $\frac{525}{1125}$
13	Represent $\frac{10}{6}$ on a number line		
14	Anita filled 20L of petrol in her car in the morning. During the day, she used $16\frac{1}{5}$ L of petrol. How much petrol was left in the tank by evening		
15	Fill in the blanks		
a	A fraction in which the numerator is less than the denominator is called a _____ fraction.		
b	Fractions having the same denominator are called _____ fractions.		
c	$\frac{4}{5}$ is _____ fractions.		
d	A mixed fraction consists of a _____ number and a proper fraction.		
e	$2\frac{3}{4}$ lies between the whole numbers _____ and _____		
f	To convert a mixed fraction into an improper fraction, multiply the whole number by the _____ and add the numerator.		
g	To convert an improper fraction into a mixed fraction, divide the _____ by the denominator.		
h	A proper fraction is always _____ than 1, while an improper fraction is _____ than or equal to 1.		
i	A fraction having 1 as its numerator is called a ____ fraction		
j	How many one fourths are there in $3\frac{5}{4}$ _____		
k	Write in words $\frac{4}{8}$ _____		