INTERNATIONAL INDIAN SCHOOL
BURAIDAH

Worksheet For The Academic Year 2025-26

CLASS: <u>VI</u>   SUBJECT: <u>Mathematics</u>   DATE: <u>05/12/2025</u>
<u>LESSON-7   Fractions</u>

1) One cake divided among 7 children. Each child gets _____.

2) Five rotis shared among 6 friends. Each gets _____.

3) Arrange the following in ascending order:

One and a quarter , half , three quarter , One and a half , Three and quarter ,

Quarter.

4) Draw picture to show: (i) 7 times quarter (ii) 5 times half.

5) Represent the lengths $\frac{1}{6}$, $\frac{3}{6}$, $\frac{5}{6}$ and $\frac{2}{3}$ on a number line.

6) If a fraction is more than 1 , it can be written as <u>mixed </u>fraction.

7) In a mixed fraction , the part more than one is called the <u>whole</u> part and the

fraction less than one is called the <u>fractional</u> part.

8) How many whole units are there in : (i) $\frac{7}{6}$ (ii) $\frac{9}{4}$.   (1 , 2)

9) Write as mixed fractions:

(i) $\frac{40}{3}$ (ii) $\frac{13}{9}$ (iii) $\frac{7}{4}$ (iv) $\frac{11}{5}$.   ($13\frac{1}{3}$, $1\frac{4}{9}$, $1\frac{3}{4}$, $2\frac{1}{5}$)

10) Express the following as fractions:

(i) $7\frac{1}{2}$ (ii) $6\frac{19}{20}$ (iii) $8\frac{2}{7}$.   ($\frac{15}{2}$, $\frac{139}{20}$

, $\frac{58}{7}$)

11) Write three equivalent fractions of:

(i) $\frac{3}{5}$ (ii) $\frac{4}{7}$ (iii) $\frac{5}{9}$.

12) Four rotis are divided among 5 children.

Fraction each child gets _____.

Division fact _____.

Addition fact _____ and Multiplication fact_____.

13) If 7 bottles of juice is shared by 11 children equally then ____ bottles of juice is shared by 44 children. (28)

14) If 5 pizzas are divided equally among 13 children then 15 pizzas will be divided among ___ children. (39)

15) Compare the following fractions:

(i) $\frac{7}{9}$ and $\frac{2}{5}$ (ii) $\frac{5}{7}$ and $\frac{3}{8}$ (iii) $\frac{4}{11}$ and $\frac{2}{5}$.

16) Express the following fractions in the lowest terms:

(i) $\frac{125}{625}$ (ii) $\frac{80}{220}$ (iii) $\frac{12}{18}$ (iv) $\frac{49}{70}$ (v) $\frac{36}{81}$.   ($\frac{1}{5}$, $\frac{4}{11}$, $\frac{2}{3}$, $\frac{7}{10}$, $\frac{4}{9}$)

17) Write in ascending order:

$\frac{7}{8}$, $\frac{6}{7}$, $\frac{3}{4}$, $\frac{4}{5}$

18) Write in descending order:

$\frac{1}{2}$, $\frac{4}{5}$, $\frac{5}{6}$, $\frac{2}{3}$

19) Add the following:

(i) $\frac{4}{7}$ $+ \frac{2}{7}$ (ii) $\frac{5}{9} + \frac{3}{9}$ (iii) $\frac{7}{3} + \frac{5}{7}$ (iv) $\frac{8}{5} + \frac{3}{6} + \frac{7}{2}$

($\frac{6}{7}$, $\frac{8}{9}$, $\frac{64}{21}$, $\frac{28}{5}$)

20) Subtract the following:

(i) $\frac{4}{7}$ $- \frac{2}{7}$ (ii) $\frac{5}{9} - \frac{3}{9}$ (iii) $\frac{7}{9} - \frac{2}{3}$ (ii) $\frac{8}{2} - \frac{5}{20}$

($\frac{2}{7}$, $\frac{2}{9}$, $\frac{1}{9}$, $\frac{15}{4}$)

21) Subtract (i) $\frac{3}{10}$ from $\frac{7}{2}$ (ii) $\frac{9}{35}$ from $\frac{7}{5}$ ($\frac{16}{5}$, $\frac{8}{7}$)

22) Nagma had $\frac{11}{2}$ litres of juice with her. She gave $\frac{11}{4}$ litres of juice to her Friends. How much of juice is left with her ?   ($\frac{11}{4}$ litres)

23) Sunil purchased $\frac{1}{3}$ litres of milk on Monday and $\frac{7}{6}$ litres of milk on Tuesday. How many litres did he purchase altogether? ($\frac{3}{2}$ litres)

24) Abhi took $\frac{7}{11}$ hours , Bani took $\frac{4}{33}$ hours and Chitty took $\frac{9}{22}$ hours to Reach their friend's house. Who took least time?   (Bani)

25) Rani cycled $6\frac{1}{2}$ km in the morning and $8\frac{3}{4}$ km in the evening. Find the distance she cycled altogether.   ($15\frac{1}{4}$ km)