

**INDIAN SCHOOL MUSCAT
PRIMARY SECTION**

Subject: MATHS Worksheet No. I (Term II)	Name:
Topic : FRACTIONS	Std / Sec: IV _____
Resource Person: Ms.Vidhya Vishnu	Roll No:
Teacher's Signature:	Date:

I. Fill in the blanks.

a. $\frac{1}{2}$ of 8 =	b. $\frac{1}{3} = \frac{3}{\square}$
c. $\frac{1}{5}$ of 50 =	d. $\frac{2}{10} = \frac{10}{\square}$
e. $\frac{8}{24} = \frac{\square}{12}$	f. $\frac{5}{25} = \frac{\square}{5}$

II. Check if the following pairs of fractions are equivalent.

a. $\frac{1}{3}$, $\frac{9}{27}$	b. $\frac{10}{12}$, $\frac{50}{60}$
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III. Reduce the fractions to the lowest term.

a. $\frac{10}{100} =$	c. $\frac{7}{35} =$
b. $\frac{100}{110} =$	d. $\frac{24}{72} =$

IV. Convert the improper fractions into mixed fractions.

a. $\frac{15}{4} =$	b. $\frac{81}{8} =$
c. $\frac{25}{9} =$	d. $\frac{64}{10} =$

V. Convert the mixed fractions into improper fractions.

a. $3\frac{1}{3} =$

b. $6\frac{1}{7} =$

VI. Compare the fractions.

a. $\frac{1}{8}$ ○ $\frac{2}{8}$

b. $\frac{15}{21}$ ○ $\frac{5}{21}$

VII. Solve.

a. $6\frac{6}{7} + 3\frac{5}{7} =$

b. $8\frac{12}{13} - 5\frac{1}{13} =$

c. $\frac{2}{5} \times \frac{3}{2} =$

d. $\frac{6}{7} \times 4 =$

e. $\frac{3}{5} - \frac{1}{5} =$

f. $\frac{5}{9} + \frac{7}{9} =$

VIII. Arrange the fractions in descending order.

a. $\frac{6}{9}, \frac{3}{9}, \frac{8}{9}$

b. $\frac{3}{13}, \frac{6}{13}, \frac{2}{13}$

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I. Fill in the blanks.

a. $\frac{1}{2}$ of 8 = 4	b. $\frac{1}{3} = \frac{3}{9}$
c. $\frac{1}{5}$ of 50 = 10	d. $\frac{2}{10} = \frac{10}{100}$
e. $\frac{8}{24} = \frac{4}{12}$	f. $\frac{5}{25} = \frac{1}{5}$

II. Check if the following pairs of fractions are equivalent.

a. $\frac{1}{3}$, $\frac{9}{27}$ yes both fractions are equal.	b. $\frac{10}{12}$, $\frac{50}{60}$ yes both fractions are equal.
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III. Reduce the fractions to the lowest term.

a. $\frac{10}{100} = \frac{1}{10}$	c. $\frac{7}{35} = \frac{1}{5}$
b. $\frac{100}{110} = \frac{10}{11}$	d. $\frac{24}{72} = \frac{1}{3}$

IV. Convert the improper fractions into mixed fractions.

a. $\frac{15}{4} = 3\frac{3}{4}$	b. $\frac{81}{8} = 10\frac{1}{8}$
c. $\frac{25}{9} = 2\frac{7}{9}$	d. $\frac{64}{10} = 6\frac{4}{10}$

V. Convert the mixed fractions into improper fractions.

a. $3\frac{1}{3} = \frac{10}{3}$

b. $6\frac{1}{7} = \frac{43}{7}$

VI. Compare the fractions.

a. $\frac{1}{8} < \frac{2}{8}$

b. $\frac{15}{21} > \frac{5}{21}$

VII. Solve.

a. $6\frac{6}{7} + 3\frac{5}{7} = 10\frac{4}{7}$

b. $8\frac{12}{13} - 5\frac{1}{13} =$

c. $\frac{2}{5} \times \frac{3}{2} = \frac{6}{10}$ or $\frac{2}{5}$

d. $\frac{6}{7} \times 4 = \frac{24}{7}$ or $3\frac{3}{7}$

e. $\frac{3}{5} - \frac{1}{5} = \frac{2}{5}$

f. $\frac{5}{9} + \frac{7}{9} = \frac{13}{9}$ or $1\frac{4}{9}$

VIII. Arrange the fractions in descending order.

a. $\frac{6}{9}, \frac{3}{9}, \frac{8}{9} = \frac{8}{9}, \frac{6}{9}, \frac{3}{9}$

b. $\frac{3}{13}, \frac{6}{13}, \frac{2}{13} = \frac{6}{13}, \frac{3}{13}, \frac{2}{13}$