



**MONTH : AUGUST**

**SESSION : 14**

**CLASS : V**

**SUBJECT : MATHEMATICS**

**CHAPTER NUMBER: 9**

**CHAPTER NAME : FRACTION**

**SUB-TOPIC : FRACTIONS , CONVERSION OF MIXED FRACTIONS TO  
IMPROPER FRACTIONS**

**EXERCISE 9 A Q.NO.6**

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**CHANGING YOUR TOMORROW**

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## **LEARNING OBJECTIVE :**

**Enable the students**

- **To convert mixed fractions to improper fraction.**
- **To compare and contrast different types of fractions.**



# CONVERSION OF MIXED FRACTION TO IMPROPER FRACTION



Multiply the **denominator** with the **whole number**.



Then add the **numerator** with the **product**

$$2\frac{5}{9} = \boxed{9 \times 2 = 18} = \boxed{5 + 18}$$

$$2\frac{5}{9} = \frac{23}{9}$$

# CONVERSION OF MIXED FRACTION TO IMPROPER FRACTION



## EXAMPLE-1

$$5 \frac{3}{7} = \frac{38}{7}$$

$$\frac{7 \times 5 + 3}{7}$$

## EXAMPLE-2

$$8 \frac{2}{5} = \frac{42}{5}$$

$$\frac{5 \times 8 + 2}{5}$$



## EXERCISE – 9 A



6. Convert the following mixed fractions into improper fractions

a.  $14\frac{3}{4} = \frac{59}{4}$

$$\frac{4 \times 14 + 3}{4}$$

b.  $8\frac{6}{7} = \frac{62}{7}$

$$\frac{7 \times 8 + 6}{7}$$



## EXERCISE – 9 A



6. Convert the following mixed fractions into improper fractions

$$\text{c. } 24\frac{5}{7} = \frac{173}{7}$$

$$\frac{7 \times 24 + 5}{7}$$

$$\text{d. } 25\frac{4}{5} = \frac{129}{5}$$

$$\frac{5 \times 25 + 4}{5}$$



## EXERCISE – 9 A



6. Convert the following mixed fractions into improper fractions

e.  $48\frac{5}{8} = \frac{389}{8}$

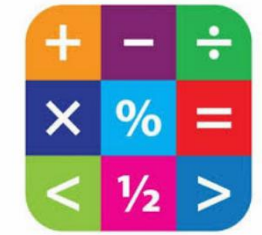
$$\frac{8 \times 48 + 5}{8}$$

f.  $17\frac{7}{9} = \frac{160}{9}$

$$\frac{9 \times 17 + 7}{9}$$



## EXERCISE – 9 A



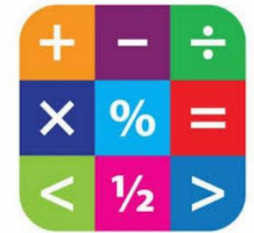
6. Convert the following mixed fractions into improper fractions

$$\text{g. } 28\frac{5}{6} = \frac{173}{6}$$

$$\frac{6 \times 28 + 5}{6}$$







**Home Assignment : Complete Exercise 9 A  
Q.no. 6 to 8 in the note book.**



**THANKING YOU**  
**ODM EDUCATIONAL GROUP**