

Worksheet: - 10 Subject: - Mathematics Class:-VI Teacher:-Mrs. Poonam Sunil

Name:- _____ Class & Sec.:- _____ Roll No.:- _____ Date:- _____

Revision Assignment-1

Good Morning Students!

Ex-7.2 (Page 141)

3) Express the following as improper fractions

$$a) 7\frac{3}{4} = \frac{4 \times 7 + 3}{4} = \frac{28 + 3}{4} = \frac{31}{4}$$

$$b) 5\frac{6}{7} = \frac{7 \times 5 + 6}{7} = \frac{35 + 6}{7} = \frac{41}{7}$$

$$c) 2\frac{5}{6} = \frac{6 \times 2 + 5}{6} = \frac{12 + 5}{6} = \frac{17}{6}$$

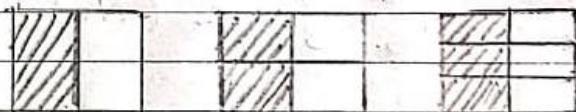
$$d) 10\frac{3}{5} = \frac{5 \times 10 + 3}{5} = \frac{50 + 3}{5} = \frac{53}{5}$$

$$e) 9\frac{3}{7} = \frac{7 \times 9 + 3}{7} = \frac{63 + 3}{7} = \frac{66}{7}$$

$$f) 8\frac{4}{9} = \frac{9 \times 8 + 4}{9} = \frac{72 + 4}{9} = \frac{76}{9}$$

Equivalent Fractions :-

Representation of fractions



$\frac{1}{2}, \frac{2}{4}, \frac{3}{6}$ These fractions representing the parts taken from the total number of parts.

Example 3 :- Find the equivalent fraction of $\frac{2}{5}$ with numerator 6

Sol: - We know $2 \times 3 = 6$

So we multiply numerator and denominator by 3 to get the equivalent fraction

Hence $\frac{2}{5} = \frac{2 \times 3}{5 \times 3} = \frac{6}{15}$ is the required equivalent fraction

Example 4: - Find the equivalent fraction of $\frac{15}{35}$ with denominator ?

Sol: - We have $\frac{15}{35} = \frac{\square}{7}$

find $35 \div 5 = 7$

So we divide both the numerator and the denominator by 5

$$\frac{15}{35} = \frac{15 \div 5}{35 \div 5} = \frac{3}{7} \text{ Ans.}$$

Ex-7.3 (Page 146)

Q1 Write the fraction. Are all these fractions equivalent?

a) $\frac{1}{2}, \frac{2}{4}, \frac{3}{6}, \frac{4}{8}$ (Yes)

b) $\frac{4}{12}, \frac{3}{9}, \frac{2}{6}, \frac{1}{3}, \frac{6}{15}$ (No)