



Name:

Subject: Mathematics

Class: 7<sup>th</sup>

Date: Topic-16(fraction)

Village name :

**Let's Recall:****• Like fraction:**

Like fractions are fraction that has same denominator.

Example:

$$\frac{4}{5}, \frac{3}{5}, \frac{2}{5}, \frac{9}{5}$$

**• Unlike fraction:**

Unlike fraction are fraction that has different denominators.

Example:

$$\frac{4}{5}, \frac{3}{2}, \frac{2}{7}, \frac{9}{11}$$

**• Equivalent fraction:**

Equivalent fractions are fractions that has different numerator and denominator but represents the same value.

Example:

$$\frac{2}{4}, \frac{3}{6}, \frac{4}{8}, \frac{5}{10} \text{ all represents the same value } \frac{1}{2}$$

**I]Complete the following questions.**1. Write down three fraction that gives the value of  $\frac{3}{4}$  —

2. Give 2 examples each for like and unlike fraction.

Like fraction 1.

2.

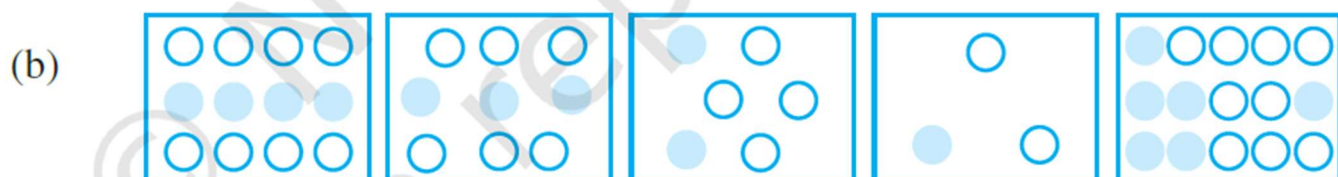
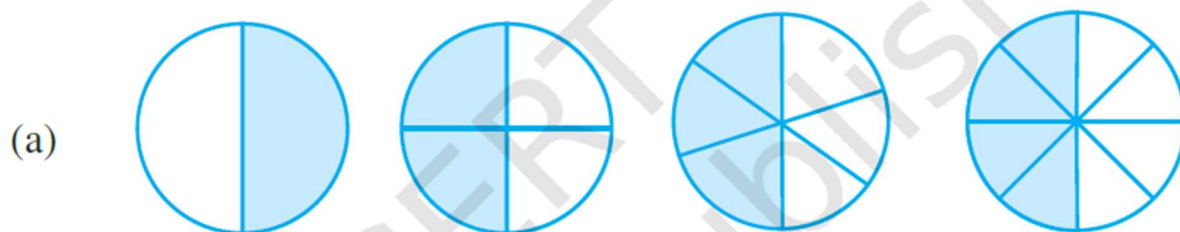
Unlike fraction 1.

2.

3.  $\frac{6}{9}, \frac{24}{36}, \frac{8}{12}, \frac{10}{15}$  represent \_\_\_\_\_ value of fraction.4. Check whether  $\frac{5}{6}$  and  $\frac{10}{12}$  by drawing diagrams.

## II] Complete the following questions

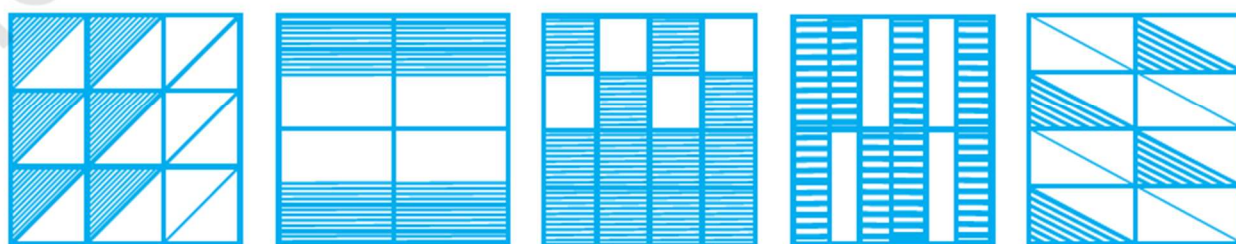
1. Write the fractions. Are all these fractions equivalent?



2. Write the fractions and pair up the equivalent fractions from each row.



(a) (b) (c) (d) (e)



(i) (ii) (iii) (iv) (v)

3. Replace  $\square$  in each of the following by the correct number :

(a)  $\frac{2}{7} = \frac{8}{\square}$  (b)  $\frac{5}{8} = \frac{10}{\square}$  (c)  $\frac{3}{5} = \frac{\square}{20}$  (d)  $\frac{45}{60} = \frac{15}{\square}$  (e)  $\frac{18}{24} = \frac{\square}{4}$

4. Find the equivalent fraction of  $\frac{3}{5}$  having

(a) denominator 20

(b) numerator 9

(c) denominator 30

(d) numerator 27

5. Find the equivalent fraction of  $\frac{36}{48}$  with

(a) numerator 9

(b) denominator 4