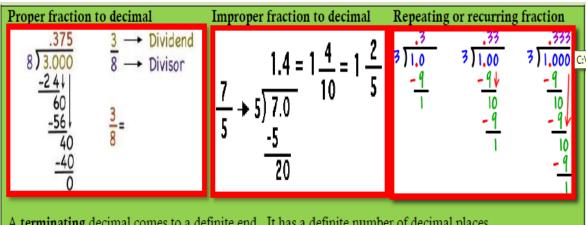
# NANUKU SANGAM SCHOOL MATHEMATICS YEAR 7

#### **STRAND – MEASUREMENT**

**SUB – STRAND:** Changing Fractions to Decimals

<u>CLO:</u> Express fractions involving tenths, hundredths and thousands as decimals.

### **Changing Fractions to Decimals**



A **terminating** decimal comes to a definite end. It has a definite number of decimal places.

A **repeating** or **recurring** decimal does not come to an end, but forms pattern that is repeated indefinitely.

## **QUESTIONS**

a) 
$$\frac{4}{5}$$
 = 0.8

b) 
$$\frac{1}{8}$$
 = 0.125

c) 
$$\frac{3}{7}$$
 = 0.43

d) 
$$\frac{12}{15}$$
 = 0.8

e) 
$$\frac{9}{12}$$
 = 0.75

f) 
$$\frac{20}{25} = 0.8$$

## 2. Write each improper fraction as a decimal

a) 
$$\frac{8}{4}$$
 = 2/1 or 2

b) 
$$\frac{12}{8}$$
 = 3/2

c) 
$$\frac{12}{10}$$
 = 6/5

d) 
$$\frac{20}{12}$$
 = 5/3

d) 
$$\frac{50}{20}$$
 = 5/2

f) 
$$\frac{32}{24}$$
 = 4/3