

### EXERCISE - 9 (A)

1) Write 4 equivalent fractions of the following.

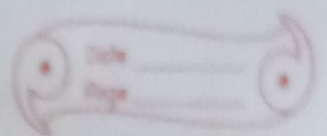
a)  $\frac{1}{3} = \frac{2}{6} \quad \frac{3}{9} \quad \frac{4}{12} \quad \frac{5}{15}$

b)  $\frac{4}{5} = \frac{8}{10} \quad \frac{12}{15} \quad \frac{16}{20} \quad \frac{20}{25}$

c)  $\frac{1}{6} = \frac{2}{12} \quad \frac{3}{18} \quad \frac{4}{24} \quad \frac{5}{30}$

d)  $\frac{2}{11} = \frac{4}{22} \quad \frac{6}{33} \quad \frac{8}{44} \quad \frac{9}{55}$

e)  $\frac{4}{15} = \frac{8}{30} \quad \frac{12}{45} \quad \frac{16}{60} \quad \frac{20}{75}$



d)  $\frac{129}{243} \div 3 = \frac{129}{243}$

Ans.  $\frac{129 \div 3}{243 \div 3} = \frac{43}{81}$

e)  $\frac{154}{238}$

Ans. 
$$\begin{array}{r} 1 \\ 154 \overline{) 238} \\ \underline{-154} \phantom{0} \\ 84 \phantom{0} \\ 84 \overline{) 154} \\ \underline{-84} \phantom{0} \\ 70 \phantom{0} \\ 70 \overline{) 84} \\ \underline{-70} \phantom{0} \\ 14 \phantom{0} \\ 14 \overline{) 70} \\ \underline{-70} \\ 0 \end{array}$$

$\frac{154 \div 14}{238 \div 14} = \frac{11}{17}$

$$\frac{198}{297}$$

Ans.  $198 \overline{) 297}$

$$\begin{array}{r} 1 \\ 198 \overline{) 297} \\ \underline{-198} \quad 2 \\ 99 \overline{) 198} \\ \underline{-198} \\ 0 \end{array}$$

H.C.F = 99

$$\frac{198 \div 99 = 2}{297 \div 99 = 3}$$

~~$\frac{112}{139}$~~

Ans.  ~~$\frac{112}{139} = \frac{13}{21}$~~