



Number System Ex 1.2 Q1

Now we have to express this rational number into decimal form. So we will use long division method as below.

$$\begin{array}{r} 0.42 \\ 100 \overline{) 420} \\ \underline{400} \\ 200 \\ \underline{200} \\ 000 \end{array}$$

Hence, $\frac{42}{100} = 0.42$

(ii) Given rational number is $\frac{327}{500}$

Now we have to express this rational number into decimal form. So we will use long division method as below.

$$\begin{array}{r} 0.654 \\ 500 \overline{) 3270} \\ \underline{3000} \\ 2700 \\ \underline{2500} \\ 2000 \\ \underline{2000} \\ 0000 \end{array}$$

Hence, $\frac{327}{500} = 0.654$

(iii) Given rational number is $\frac{15}{4}$

Now we have to express this rational number into decimal form. So we will use long division method as below.

$$\begin{array}{r}
 3.75 \\
 \hline
 4 \overline{)15} \\
 \underline{12} \\
 30 \\
 \underline{28} \\
 20 \\
 \underline{20} \\
 00
 \end{array}$$

$$\text{Hence, } \frac{15}{4} = 3.75$$

***** END *****