

$$x = 15 \times \text{quotient 1} + 4$$

$$\underline{x = 17 \times \text{quotient 2} + 9}$$

$$17q^2 + 9 = 15q^1 + 4 \quad \text{--- (1)}$$

$$\text{(1)} \quad q^1 - q^2 = 1 \quad \text{It is given}$$

$$17q^2 - 15q^1 = -5$$

$$15q^1 - 15q^2 = 15$$

$$2q^2 = 10$$

$$q^2 = 5$$

$$94 = 17 \times 5 + 9$$

So No, is 94.

$$\begin{array}{r} 85 \\ 9 \\ \hline 94 \end{array}$$

