

5(iii) least no. to be added to 252 to get a perfect square = 4

Required perfect square = $252 + 4$
= 256

$$\sqrt{256} = 16$$

$$\begin{array}{r} 16 \\ 1 \overline{) 252} \\ \underline{1} \\ 152 \\ \underline{156} \\ -4 \end{array}$$

$$\begin{array}{r} 16 \\ 1 \overline{) 256} \\ \underline{1} \\ 156 \\ \underline{156} \\ 0 \end{array}$$

5(iv) least no. to be added to get a perfect square = 24

Required perfect square = $1825 + 24$
= 1849

$$\sqrt{1849} = 43$$

$$\begin{array}{r} 43 \\ 4 \overline{) 1825} \\ \underline{16} \\ 225 \\ \underline{249} \\ -24 \end{array}$$

$$\begin{array}{r} 43 \\ 4 \overline{) 1849} \\ \underline{16} \\ 249 \\ \underline{249} \\ 0 \end{array}$$