

5(i) least no. to be added  
to get a perfect square  
= 51

Required perfect  
Square =  $525 + 51$   
= 576

$$\sqrt{576} = 24$$

$$\begin{array}{r} 24 \\ 2 \overline{) 525} \\ \underline{4} \phantom{0} \\ 125 \\ 44 \overline{) 125} \\ \underline{176} \\ -51 \end{array}$$

$$\begin{array}{r} 24 \\ 2 \overline{) 576} \\ \underline{4} \phantom{0} \\ 176 \\ 44 \overline{) 176} \\ \underline{176} \\ \underline{0} \end{array}$$

5(ii) least no. to be added  
to get a perfect  
Square = 14

Required perfect  
Square =  $1750 + 14$   
= 1764

$$\sqrt{1764} = 42$$

$$\begin{array}{r} 42 \\ 4 \overline{) 1750} \\ \underline{16} \phantom{0} \\ 150 \\ 82 \overline{) 150} \\ \underline{164} \\ -14 \end{array}$$

$$\begin{array}{r} 42 \\ 4 \overline{) 1764} \\ \underline{16} \phantom{0} \\ 164 \\ 82 \overline{) 164} \\ \underline{164} \\ \underline{0} \end{array}$$