

$$i) \sqrt{11}$$

$$3 \overline{) 11} \begin{array}{r} 3 \\ -9 \\ \hline 2 \end{array}$$

$$\begin{array}{l} 1 \times 1 = 1 \\ 2 \times 2 = 4 \\ 3 \times 3 = 9 \\ 4 \times 4 = 16 \end{array}$$

$$(ii) \begin{array}{r} 3 \overline{) 11} \\ -9 \\ \hline 2 \end{array}$$

Multiply the quotient by 2

$$(iii) \begin{array}{r} 3 \overline{) 11.0000} \\ -9 \\ \hline 2 \end{array}$$

putting point & adding pairs of zeros

$$iv) \begin{array}{r} 3 \overline{) 11.00} \\ -9 \\ \hline 200 \\ -189 \\ \hline 11 \end{array}$$

$$v) \begin{array}{r} 3 \overline{) 11.0000} \\ -9 \\ \hline 200 \\ -189 \\ \hline 1100 \\ -960 \\ \hline 1400 \\ -1260 \\ \hline 140 \end{array}$$

$$\begin{array}{r} 61 \\ \times 2 \\ \hline 122 \end{array} \quad \begin{array}{r} 63 \\ \times 3 \\ \hline 189 \end{array} \quad \begin{array}{r} 64 \\ \times 4 \\ \hline 256 \end{array}$$

Ignore the point in divisor

$$\begin{array}{r} 662 \\ \times 2 \\ \hline 1324 \end{array}$$

$$\begin{array}{r} 5 \overline{) 135.0000} \\ -25 \\ \hline 109 \\ -98 \\ \hline 118 \\ -118 \\ \hline 0 \end{array}$$

$$101 > 10$$

$$\begin{array}{r} 109 \\ \times 9 \\ \hline 981 \end{array} \quad \begin{array}{r} 1182 \\ \times 2 \\ \hline 2364 \end{array}$$

$$\approx 65.4 \text{ m}^2$$