

(x) $\sqrt{124}$

3	10 24
	9
	124
	124
	0

32

62

x2

Step 1 $\left\{ \begin{array}{l} 3 \times 3 = 9 \checkmark \\ 4 \times 4 = 16 (>10) \end{array} \right.$

Step 2 $\{ 62 \times 2 = 124$

(xi) $\sqrt{3136}$

5	31 36
	25
	6 36
	6 36
	0

56

106

x2

Step 1 $\left\{ \begin{array}{l} 5 \times 5 = 25 \checkmark \\ 6 \times 6 = 36 (>31) \end{array} \right.$

Step 2 $\{ 106 \times 6 = 636$

$\sqrt{3136} = 56$

(xii) $\sqrt{900}$

3	9 00
	9
	00
	00
	0

30

60

x2

Step 1 $\{ 3 \times 3 = 9 \checkmark$

Step 2 $\{ 60 \times 0 = 0$

$\sqrt{900} = 30$