

(i)  $\sqrt{2304} = 48$

4	2304
	16
	704
	704
	0

④  $\xrightarrow{+2}$  ⑧

Step 1  $\left\{ \begin{array}{l} 4 \times 4 = 16 \checkmark \\ 5 \times 5 = 25 (> 23) \end{array} \right.$

Step 2  $\{ 88 \times 8 = 704$

$\sqrt{2304} = 48$

(ii)  $\sqrt{4489} = 67$

6	4489
	36
	889
	889
	0

⑥  $\xrightarrow{+2}$  ⑫

Step 1  $\left\{ \begin{array}{l} 6 \times 6 = 36 \checkmark \\ 7 \times 7 = 49 (> 44) \end{array} \right.$

Step 2  $\{ 127 \times 7 = 889$

(iii)  $\sqrt{3481} = 59$

5	3481
	25
	981
	981
	0

⑤  $\xrightarrow{\times 2}$  ⑩

Step 1  $\left\{ \begin{array}{l} 5 \times 5 = 25 \checkmark \\ 6 \times 6 = 36 (> 34) \end{array} \right.$

Step 2  $\{ 109 \times 9 = 981$

$\sqrt{3481} = 59$