

## Exercise - 6(A)

Multiply in your book.

(a)  $64 \times 45$

Answer: —

Th	H	T	O		
		6	4		
		x	4		
			5		
	3	2	0	→ $64 \times 5$	
	+ 2	5	6	0	→ $64 \times 40$
	<u>2</u>	<u>8</u>	<u>8</u>	<u>0</u>	

(b)  $58 \times 72$

Th	H	T	O		
		5	8		
		x	7		
			2		
	0	5	7	6	→ $72 \times 8$
	+ 3	6	0	0	→ $72 \times 50$
	<u>4</u>	<u>1</u>	<u>7</u>	<u>6</u>	

(c)  $49 \times 36$

Answer -

Th	H	T	O
		4	9
<hr/>			
		X	3 6
		①	9 4 $\rightarrow 49 \times 6$
		2	
*	1	4	7 0 $\rightarrow 49 \times 30$
<hr/>			
		1, 7	6 4

(d)  $82 \times 27$

Answer -

Th	H	T	O
		8	2
<hr/>			
		X	2 7
		①	05 7 4 $\rightarrow 82 \times 7$
		05	
+	1	6	4 0 $\rightarrow 82 \times 20$
<hr/>			
		2, 2	1 4

(e)  $94 \times 89$

Answer -

Th	H	T	O
		9	4
<hr/>			
		X	8 9
		8	4 6 $\rightarrow 94 \times 9$
		8	
+	7	5	2 0 $\rightarrow 94 \times 80$
<hr/>			
		8, 3	6 6

(f) Th H T O

~~6~~ ~~3~~ 4

X 9 2

1 ~~2~~ 6 8  $\rightarrow$  634 x 2

+ 5 7 0 6 0  $\rightarrow$  634 x 90

5 8, 3 2 8

(g) Th H T O

~~7~~ ~~5~~ ~~4~~

X 5 8

① 6 0 3 2  $\rightarrow$  754 x 8

+ 3 7 7 0 0  $\rightarrow$  754 x 50

4 3, 7 3 2

(h) Th H T O

~~6~~ 4 3

X 2 3

① 9 2 9  $\rightarrow$  643 x 3

+ 1 2 8 6 0  $\rightarrow$  643 x 20

1 4, 7 8 9

(i) Th H T O

~~5~~ ~~6~~ ~~8~~ 2  
X 7 6

① 4 0 9 2 → 682 X 6

+ 4 7 7 4 0 → 682 X 70

5 1 8 3 2

(j) Th H T O

~~7~~ ~~9~~ 2 1

X 7 4

③ ⑥ 8 4 → 921 X 4

+ 6 4 4 7 0 → 921 X 70

6 8 1 5 4

$$\begin{array}{r}
 (K) \quad \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\
 \quad \quad \quad \cancel{3} \cancel{3} \cancel{1} 9 \quad 2 \\
 \quad \quad \quad \times \quad 5 \quad 4 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \textcircled{1} \textcircled{1} \quad \quad 5 \quad 6 \quad 8 \rightarrow 392 \times 4 \\
 + 1 \quad 9 \quad \quad 6 \quad \quad 0 \quad 0 \rightarrow 392 \times 50 \\
 \hline
 \underline{2 \quad 1 \quad \quad 1 \quad 6 \quad 8}
 \end{array}$$

$$\begin{array}{r}
 (I) \quad \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\
 \quad \quad \quad \cancel{4} \quad \cancel{9} \quad 3 \\
 \quad \quad \quad \times \quad 4 \quad 2 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \textcircled{1} \textcircled{1} \quad \textcircled{1} 9 \quad \quad 8 \quad 6 \rightarrow 493 \times 2 \\
 + 1 \quad 9 \quad \quad 7 \quad 2 \quad 0 \rightarrow 493 \times 40 \\
 \hline
 \underline{2 \quad 0 \quad , \quad 7 \quad 0 \quad 6}
 \end{array}$$