Arithmetics
Multiplication base 10
calculator-algebra.org

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Example

Multiply the one-digit numbers.

$$
\begin{aligned}
3 \cdot 2 &= \\
4 \cdot 3 &= \\
0 \cdot 8 &= \\
6 \cdot 7 &= \\
7 \cdot 9 &=
\end{aligned}
$$

Example

Multiply the one-digit numbers.

$$
\begin{aligned}
3 \cdot 2 &= \ ? \\
4 \cdot 3 &= \\
0 \cdot 8 &= \\
6 \cdot 7 &= \\
7 \cdot 9 &=
\end{aligned}
$$

Example

Multiply the one-digit numbers.

$$
\begin{aligned}
3 \cdot 2 &= 6 \\
4 \cdot 3 &= \\
0 \cdot 8 &= \\
6 \cdot 7 &= \\
7 \cdot 9 &=
\end{aligned}
$$

Example

Multiply the one-digit numbers.

$$
\begin{aligned}
3 \cdot 2 &= 6 \\
4 \cdot 3 &= \textbf{?} \\
0 \cdot 8 &= \\
6 \cdot 7 &= \\
7 \cdot 9 &=
\end{aligned}
$$

Example

Multiply the one-digit numbers.

$$
\begin{aligned}
3 \cdot 2 &= 6 \\
4 \cdot 3 &= 12 \\
0 \cdot 8 &= \\
6 \cdot 7 &= \\
7 \cdot 9 &=
\end{aligned}
$$

Example

Multiply the one-digit numbers.

$$
\begin{aligned}
3 \cdot 2 &= 6 \\
4 \cdot 3 &= 12 \\
0 \cdot 8 &= \textbf{?} \\
6 \cdot 7 &= \\
7 \cdot 9 &=
\end{aligned}
$$

Example

Multiply the one-digit numbers.

$$
\begin{aligned}
3 \cdot 2 &= 6 \\
4 \cdot 3 &= 12 \\
0 \cdot 8 &= 0 \\
6 \cdot 7 &= \\
7 \cdot 9 &=
\end{aligned}
$$

Example

Multiply the one-digit numbers.

$$
\begin{aligned}
3 \cdot 2 &= 6 \\
4 \cdot 3 &= 12 \\
0 \cdot 8 &= 0 \\
6 \cdot 7 &= \textbf{?} \\
7 \cdot 9 &=
\end{aligned}
$$

Example

Multiply the one-digit numbers.

$$
\begin{aligned}
3 \cdot 2 &= 6 \\
4 \cdot 3 &= 12 \\
0 \cdot 8 &= 0 \\
6 \cdot 7 &= 42 \\
7 \cdot 9 &=
\end{aligned}
$$

Example

Multiply the one-digit numbers.

$$
\begin{aligned}
3 \cdot 2 &= 6 \\
4 \cdot 3 &= 12 \\
0 \cdot 8 &= 0 \\
6 \cdot 7 &= 42 \\
7 \cdot 9 &= \mathbf{?}
\end{aligned}
$$

Example

Multiply the one-digit numbers.

$$
\begin{aligned}
3 \cdot 2 &= 6 \\
4 \cdot 3 &= 12 \\
0 \cdot 8 &= 0 \\
6 \cdot 7 &= 42 \\
7 \cdot 9 &= 63
\end{aligned}
$$

Example

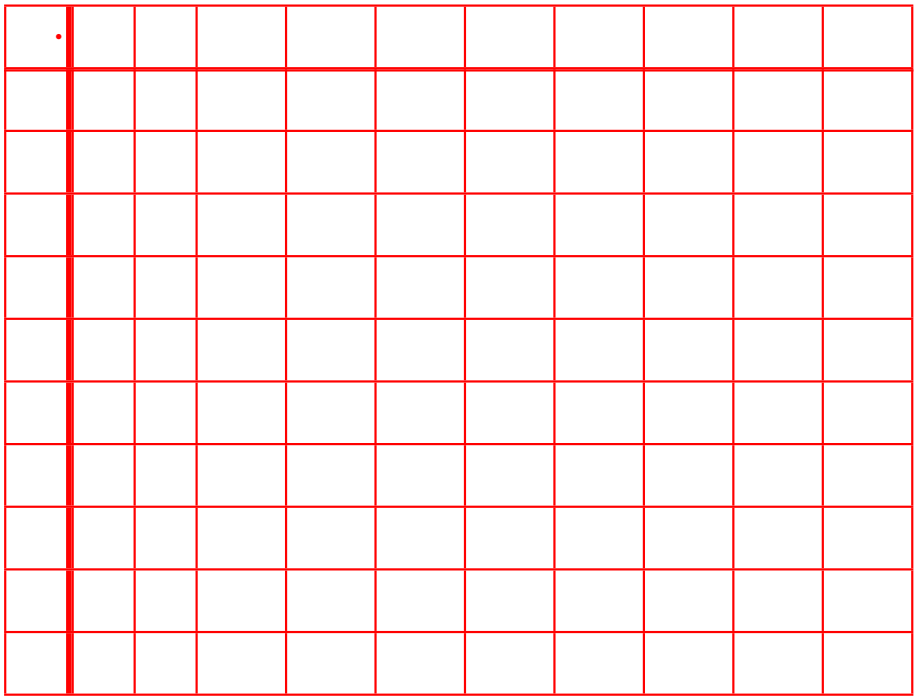
Multiply the one-digit numbers.

$$\begin{aligned} 9 \cdot 1 &= \\ 8 \cdot 4 &= \\ 7 \cdot 7 &= \\ 6 \cdot 9 &= \end{aligned}$$

Example

Multiply the one-digit numbers.

$$9 \cdot 1 =$$
$$8 \cdot 4 =$$
$$7 \cdot 7 =$$
$$6 \cdot 9 =$$



- To do one-digit multiplication quickly: make table with all possibilities.

Example

Multiply the one-digit numbers.

$$9 \cdot 1 = \ ?$$
$$8 \cdot 4 =$$
$$7 \cdot 7 =$$
$$6 \cdot 9 =$$

·		1								
9		?								

- To do one-digit multiplication quickly: make table with all possibilities.

Example

Multiply the one-digit numbers.

$$9 \cdot 1 = 9$$
$$8 \cdot 4 =$$
$$7 \cdot 7 =$$
$$6 \cdot 9 =$$

·		1								
9		9								

- To do one-digit multiplication quickly: make table with all possibilities.

Example

Multiply the one-digit numbers.

$$9 \cdot 1 = 9$$
$$8 \cdot 4 = ?$$
$$7 \cdot 7 =$$
$$6 \cdot 9 =$$

·		1			4					
8					?					
9		9								

- To do one-digit multiplication quickly: make table with all possibilities.

Example

Multiply the one-digit numbers.

$$9 \cdot 1 = 9$$
$$8 \cdot 4 = 32$$
$$7 \cdot 7 =$$
$$6 \cdot 9 =$$

·		1			4					
8					32					
9		9								

- To do one-digit multiplication quickly: make table with all possibilities.

Example

Multiply the one-digit numbers.

$$\begin{aligned} 9 \cdot 1 &= 9 \\ 8 \cdot 4 &= 32 \\ 7 \cdot 7 &= ? \\ 6 \cdot 9 &= \end{aligned}$$

·		1			4			7		
7								?		
8					32					
9		9								

- To do one-digit multiplication quickly: make table with all possibilities.

Example

Multiply the one-digit numbers.

$$\begin{aligned} 9 \cdot 1 &= 9 \\ 8 \cdot 4 &= 32 \\ 7 \cdot 7 &= 49 \\ 6 \cdot 9 &= \end{aligned}$$

·		1			4			7		
7								49		
8					32					
9		9								

- To do one-digit multiplication quickly: make table with all possibilities.

Example

Multiply the one-digit numbers.

$$\begin{aligned} 9 \cdot 1 &= 9 \\ 8 \cdot 4 &= 32 \\ 7 \cdot 7 &= 49 \\ 6 \cdot 9 &= ? \end{aligned}$$

·		1			4			7		9
6										?
7								49		
8					32					
9		9								

- To do one-digit multiplication quickly: make table with all possibilities.

Example

Multiply the one-digit numbers.

$$\begin{aligned} 9 \cdot 1 &= 9 \\ 8 \cdot 4 &= 32 \\ 7 \cdot 7 &= 49 \\ 6 \cdot 9 &= 54 \end{aligned}$$

·		1			4			7		9
6										54
7								49		
8					32					
9		9								

- To do one-digit multiplication quickly: make table with all possibilities.

Example

Multiply the one-digit numbers.

$$
\begin{aligned}
9 \cdot 1 &= 9 \\
8 \cdot 4 &= 32 \\
7 \cdot 7 &= 49 \\
6 \cdot 9 &= 54
\end{aligned}
$$

·	?	1	?	?	4	?	?	7	?	9
?	?	?	?	?	?	?	?	?	?	?
?	?	?	?	?	?	?	?	?	?	?
?	?	?	?	?	?	?	?	?	?	?
?	?	?	?	?	?	?	?	?	?	?
?	?	?	?	?	?	?	?	?	?	?
?	?	?	?	?	?	?	?	?	?	?
6	?	?	?	?	?	?	?	?	?	54
7	?	?	?	?	?	?	?	49	?	?
8	?	?	?	?	32	?	?	?	?	?
9	?	9	?	?	?	?	?	?	?	?

- To do one-digit multiplication quickly: make table with all possibilities.

Example

Multiply the one-digit numbers.

$$\begin{aligned} 9 \cdot 1 &= 9 \\ 8 \cdot 4 &= 32 \\ 7 \cdot 7 &= 49 \\ 6 \cdot 9 &= 54 \end{aligned}$$

·	0	1	2	3	4	5	6	7	8	9
0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9
2	0	2	4	6	8	10	12	14	16	18
3	0	3	6	9	12	15	18	21	24	27
4	0	4	8	12	16	20	24	28	32	36
5	0	5	10	15	20	25	30	35	40	45
6	0	6	12	18	24	30	36	42	48	54
7	0	7	14	21	28	35	42	49	56	63
8	0	8	16	24	32	40	48	56	64	72
9	0	9	18	27	36	45	54	63	72	81

- To do one-digit multiplication quickly: make table with all possibilities.

Example

Multiply the one-digit numbers.

$$\begin{aligned} 2 \cdot 10 &= \\ 40 \cdot 4 &= \\ 70 \cdot 50 &= \\ 30 \cdot 900 &= \end{aligned}$$

Example

Multiply the one-digit numbers.

$$2 \cdot 10 = \text{?}$$
$$40 \cdot 4 =$$
$$70 \cdot 50 =$$
$$30 \cdot 900 =$$

Example

Multiply the one-digit numbers.

$$\begin{aligned} 2 \cdot 10 &= 20 \\ 40 \cdot 4 &= \\ 70 \cdot 50 &= \\ 30 \cdot 900 &= \end{aligned}$$

Example

Multiply the one-digit numbers.

$$\begin{aligned} 2 \cdot 10 &= 20 \\ 40 \cdot 4 &= \textbf{?} \\ 70 \cdot 50 &= \\ 30 \cdot 900 &= \end{aligned}$$

Example

Multiply the one-digit numbers.

$$\begin{aligned} 2 \cdot 10 &= 20 \\ 40 \cdot 4 &= 160 \\ 70 \cdot 50 &= \\ 30 \cdot 900 &= \end{aligned}$$

Example

Multiply the one-digit numbers.

$$\begin{aligned} 2 \cdot 10 &= 20 \\ 40 \cdot 4 &= 160 \\ 70 \cdot 50 &= \textbf{?} \\ 30 \cdot 900 &= \end{aligned}$$

Example

Multiply the one-digit numbers.

$$\begin{aligned} 2 \cdot 10 &= 20 \\ 40 \cdot 4 &= 160 \\ 70 \cdot 50 &= 3500 \\ 30 \cdot 900 &= \end{aligned}$$

Example

Multiply the one-digit numbers.

$$\begin{aligned} 2 \cdot 10 &= 20 \\ 40 \cdot 4 &= 160 \\ 70 \cdot 50 &= 3500 \\ 30 \cdot 900 &= \textbf{?} \end{aligned}$$

Example

Multiply the one-digit numbers.

$$\begin{aligned} 2 \cdot 10 &= 20 \\ 40 \cdot 4 &= 160 \\ 70 \cdot 50 &= 3500 \\ 30 \cdot 900 &= 27000 \end{aligned}$$

Example

Multiply the one-digit numbers.

$$\begin{aligned} 2 \cdot 10 &= 20 \\ 40 \cdot 4 &= 160 \\ 70 \cdot 50 &= 3500 \\ 30 \cdot 900 &= 27000 \end{aligned}$$

Observation

To multiply numbers that end with zeroes:

Example

Multiply the one-digit numbers.

$$\begin{aligned} 2 \cdot 10 &= 20 \\ 40 \cdot 4 &= 160 \\ 70 \cdot 50 &= 3500 \\ 30 \cdot 900 &= 27000 \end{aligned}$$

Observation

To multiply numbers that end with zeroes:

- *multiply the non-zero parts ignoring all zeroes at the end;*

Example

Multiply the one-digit numbers.

$$\begin{aligned} 2 \cdot 10 &= 20 \\ 40 \cdot 4 &= 160 \\ 70 \cdot 50 &= 3500 \\ 30 \cdot 900 &= 27000 \end{aligned}$$

Observation

To multiply numbers that end with zeroes:

- *multiply the non-zero parts ignoring all zeroes at the end;*
- *copy all ending zeroes ignored in the previous step.*

Example

Multiply 3 by 312.

Example

Multiply 3 by 312.

$$3 \cdot 312$$

Example

Multiply 3 by 312.

$$3 \cdot 312$$

Example

Multiply 3 by 312.

$$\begin{array}{r} 3 \cdot 312 \\ \hline ? \end{array}$$

$3 \cdot 2 = ?$

Example

Multiply 3 by 312.

$$\begin{array}{r} 3 \cdot 312 \\ \hline 6 \end{array}$$

$3 \cdot 2 = 6$

Example

Multiply 3 by 312.

$$\begin{array}{r} 3 \cdot 312 \\ \hline 6 \end{array}$$

$3 \cdot 2 = 6$

Example

Multiply 3 by 312.

$$\begin{array}{r} 3 \cdot 312 \\ \hline ?6 \end{array}$$

$3 \cdot 1 = ?$

Example

Multiply 3 by 312.

$$\begin{array}{r} 3 \cdot 312 \\ \hline 36 \end{array}$$

$3 \cdot 1 = 3$

Example

Multiply 3 by 312.

$$\begin{array}{r} 3 \cdot 312 \\ \hline 36 \end{array}$$

$3 \cdot 1 = 3$

Example

Multiply 3 by 312.

$$\begin{array}{r} 3 \cdot 312 \\ \hline ?36 \end{array}$$

$3 \cdot 3 = ?$

Example

Multiply 3 by 312.

$$\begin{array}{r} 3 \cdot 312 \\ \hline 936 \end{array}$$

$3 \cdot 3 = 9$

Example

Multiply 3 by 312.

$$\begin{array}{r} 3 \cdot 312 \\ \hline 936 \end{array}$$

$3 \cdot 3 = 9$

Example

Multiply 3 by 312.

$$\begin{array}{r} 3 \cdot 312 \\ \hline 936 \end{array}$$

Example

Multiply 3 by 312.

$$\begin{array}{r} 3 \cdot 312 \\ \hline 936 \end{array}$$

Example

Multiply 6 by 9127.

Example

Multiply 6 by 9127.

$$6 \cdot 9127$$

Example

Multiply 6 by 9127.

$$6 \cdot 9127$$

Example

Multiply 6 by 9127.

$$\begin{array}{r} 6 \cdot 9127 \\ \hline ? \end{array}$$

$6 \cdot 7 = ?$

Example

Multiply 6 by 9127.

$$\begin{array}{r} {\scriptstyle 4} \\ 6 \cdot 9127 \\ \hline 2 \end{array}$$

$6 \cdot 7 = 42$

Example

Multiply 6 by 9127.

$$\begin{array}{r} {\scriptstyle 4} \\ 6 \cdot 9127 \\ \hline 2 \end{array}$$

$6 \cdot 7 = 42$

Example

Multiply 6 by 9127.

$$\begin{array}{r} {\scriptstyle 4} \\ 6 \cdot 9127 \\ \hline 2 \end{array}$$

$6 \cdot 7 = 42$

Example

Multiply 6 by 9127.

$$\begin{array}{r} {\scriptstyle 4} \\ 6 \cdot 9127 \\ \hline \,?\,2 \end{array}$$

$6 \cdot 2 + 4 =$?

Example

Multiply 6 by 9127.

$$\begin{array}{r} {\scriptstyle 1\ \ 4\ \ \ \ } \\ 6 \cdot 9127 \\ \hline 62 \end{array}$$

$$6 \cdot 2 + 4 = 12 + 4 = 16$$

Example

Multiply 6 by 9127.

$$\begin{array}{r} {\scriptstyle 1\ \ 4\ \ \ \ } \\ 6 \cdot 9127 \\ \hline 62 \end{array}$$

$$6 \cdot 2 + 4 = 12 + 4 = 16$$

Example

Multiply 6 by 9127.

$$\begin{array}{r} {\scriptstyle 1\ \ 4\ \ \ \ } \\ 6 \cdot 9127 \\ \hline 62 \end{array}$$

$$6 \cdot 2 + 4 = 12 + 4 = 16$$

Example

Multiply 6 by 9127.

$$\begin{array}{r} {\scriptstyle 1\ \ 4\ \ \ \ } \\ 6 \cdot 9127 \\ \hline ?62 \end{array}$$

$6 \cdot 1 + 1 = ?$

Example

Multiply 6 by 9127.

$$\begin{array}{r} {\scriptstyle 1\ \ 4\ \ \ \ } \\ 6 \cdot 9127 \\ \hline 762 \end{array}$$

$6 \cdot 1 + 1 = 7$

Example

Multiply 6 by 9127.

$$\begin{array}{r} {\scriptstyle 1\ \ 4} \\ 6 \cdot 9127 \\ \hline 762 \end{array}$$

$6 \cdot 1 + 1 = 7$

Example

Multiply 6 by 9127.

$$\begin{array}{r} {\scriptstyle 1\ \ 4\ \ \ \ } \\ 6 \cdot 9127 \\ \hline ?762 \end{array}$$

$6 \cdot 9 = ?$

Example

Multiply 6 by 9127.

$$\begin{array}{r} {\scriptstyle 5\quad 1\ 4} \\ 6 \cdot 9127 \\ \hline 4762 \end{array}$$

$6 \cdot 9 = 54$

Example

Multiply 6 by 9127.

$$\begin{array}{r} {\scriptstyle 5\quad 1\ 4} \\ 6 \cdot 9127 \\ \hline 4762 \end{array}$$

$6 \cdot 9 = 54$

Example

Multiply 6 by 9127.

$$\begin{array}{r} {\scriptstyle 5\quad 1\ 4} \\ 6 \cdot 9127 \\ \hline 4762 \end{array}$$

$6 \cdot 9 = 54$

Example

Multiply 6 by 9127.

$$\begin{array}{r} {\scriptstyle 5\quad 1\ 4} \\ 6 \cdot 9127 \\ \hline 54762 \end{array}$$

Example

Multiply 6 by 9127.

$$\begin{array}{r} 6 \cdot 9127 \\ \hline 54762 \end{array}$$

Example

Multiply 6 by 9127.

$$\begin{array}{r} 6 \cdot 9127 \\ \hline 54762 \end{array}$$

Example

Multiply 11 by 12.

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \\ \cdot 12 \\ \hline \end{array}$$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \\ \cdot\, 12 \\ \hline \end{array}$$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline ? \end{array}$$

$1 \cdot 2 = ?$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 2 \end{array}$$

$1 \cdot 2 = 2$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 2 \end{array}$$

$1 \cdot 2 = 2$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline ?2 \end{array}$$

$1 \cdot 1 = ?$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 12 \end{array}$$

$1 \cdot 1 = 1$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 12 \end{array}$$

$1 \cdot 1 = 1$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 12 \\ ? \end{array}$$

$1 \cdot 2 = ?$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 12 \\ 2 \end{array}$$

$1 \cdot 2 = 2$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 12 \\ 2 \end{array}$$

$1 \cdot 2 = 2$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 12 \\ ?2 \end{array}$$

$1 \cdot 1 = ?$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 12 \\ 12 \end{array}$$

$1 \cdot 1 = 1$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 12 \\ 12 \end{array}$$

$1 \cdot 1 = 1$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 12 \\ + \quad 12 \\ \hline \end{array}$$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 12 \\ + \quad 12 \\ \hline 2 \end{array}$$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 12 \\ + \quad 12 \\ \hline ?2 \end{array}$$

$1 + 2 = ?$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 12 \\ + \quad 12 \\ \hline 32 \end{array}$$

$1 + 2 = 3$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 12 \\ + \quad 12 \\ \hline 32 \end{array}$$

$1 + 2 = 3$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 12 \\ + \quad 12 \\ \hline 132 \end{array}$$

Example

Multiply 11 by 12.

$$\begin{array}{r} 11 \cdot 12 \\ \hline 12 \\ + \quad 12 \\ \hline 132 \end{array}$$

Example

Multiply 39 by 33.

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \\ \cdot 33 \\ \hline \end{array}$$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \\ \cdot\, 33 \\ \hline \end{array}$$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline \\ ? \end{array}$$

$9 \cdot 3 = ?$

Example

Multiply 39 by 33.

$$\begin{array}{r} {\scriptstyle 2} \\ 39 \cdot 33 \\ \hline \\ 7 \end{array}$$

$9 \cdot 3 = 27$

Example

Multiply 39 by 33.

$$\begin{array}{r} {\scriptstyle 2} \\ 39 \cdot 33 \\ \hline \\ 7 \end{array}$$

$9 \cdot 3 = 27$

Example

Multiply 39 by 33.

$$\begin{array}{r} {\scriptstyle 2} \\ 39 \cdot 33 \\ \hline \\ 7 \end{array}$$

$9 \cdot 3 = 27$

Example

Multiply 39 by 33.

$$\begin{array}{r} {\scriptstyle 2} \\ 39 \cdot 33 \\ \hline \\ ?7 \end{array}$$

$9 \cdot 3 + 2 =$ **?**

Example

Multiply 39 by 33.

$$\begin{array}{r} {\scriptstyle 2\ 2\ \ } \\ 39 \cdot 33 \\ \hline \\ 97 \end{array}$$

$$9 \cdot 3 + 2 = 27 + 2 = 29$$

Example

Multiply 39 by 33.

$$\begin{array}{r} {\scriptstyle 2\ 2\ \ } \\ 39 \cdot 33 \\ \hline \\ 97 \end{array}$$

$$9 \cdot 3 + 2 = 27 + 2 = 29$$

Example

Multiply 39 by 33.

$$\begin{array}{r} {\scriptstyle 2\ \ 2\ \ } \\ 39 \cdot 33 \\ \hline \\ 97 \end{array}$$

$$9 \cdot 3 + 2 = 27 + 2 = 29$$

Example

Multiply 39 by 33.

$$\begin{array}{r} {\scriptstyle 2\ \ 2} \\ 39 \cdot 33 \\ \hline \\ 297 \end{array}$$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline \\ 297 \\ ? \end{array}$$

$3 \cdot 3 = ?$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline \\ 297 \\ 9 \end{array}$$

$3 \cdot 3 = 9$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline \\ 297 \\ 9 \end{array}$$

$3 \cdot 3 = 9$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline \\ 297 \\ ?9 \end{array}$$

$3 \cdot 3 = ?$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline \\ 297 \\ 99 \end{array}$$

$3 \cdot 3 = 9$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline \\ 297 \\ 99 \end{array}$$

$3 \cdot 3 = 9$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline \\ + \quad 297 \\ \quad\ 99 \\ \hline \end{array}$$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline \\ + \quad 297 \\ \quad\ 99 \\ \hline \qquad 7 \end{array}$$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline ? \\ 297 \\ + \quad 99 \\ \hline ?7 \end{array}$$

$9 + 9 = \ ?$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline \\ \begin{array}{r} {\scriptstyle 1} \\ 297 \\ + \quad 99 \end{array} \\ \hline 87 \end{array}$$

$9 + 9 = 18$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline {\scriptstyle 1} \\ 297 \\ + \quad 99 \\ \hline 87 \end{array}$$

$9 + 9 = 18$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline \,{\scriptstyle 1} \\ + \quad 297 \\ \quad\;\; 99 \\ \hline \quad\;\; 87 \end{array}$$

$9 + 9 = 18$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline \quad ?\ 1 \\ + \quad 297 \\ \quad\ 99 \\ \hline \quad ?87 \end{array}$$

$1 + 2 + 9 = \ ?$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline {\scriptstyle 1\ 1\ \ } \\ 297 \\ + \quad 99 \\ \hline 287 \end{array}$$

$1 + 2 + 9 = 12$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline {\scriptstyle 1\ 1} \\ + \quad 297 \\ \quad\ 99 \\ \hline \quad 287 \end{array}$$

$1 + 2 + 9 = 12$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline {\scriptstyle 1\ 1} \\ + \quad 297 \\ \quad\ 99 \\ \hline 287 \end{array}$$

$1 + 2 + 9 = 12$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline {\scriptstyle 1\ 1\ \ } \\ 297 \\ + \quad 99 \\ \hline 1287 \end{array}$$

Example

Multiply 39 by 33.

$$\begin{array}{r} 39 \cdot 33 \\ \hline {\scriptstyle 1\ 1} \\ 297 \\ + \quad 99 \\ \hline 1287 \end{array}$$

Example

Multiply 30 by 88.

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline \end{array}$$

Example

Multiply 30 by 88.

$$30 \cdot 88$$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline ? \end{array}$$

$0 \cdot 8 = ?$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 0 \end{array}$$

$0 \cdot 8 = 0$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 0 \end{array}$$

$0 \cdot 8 = 0$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline ?0 \end{array}$$

$0 \cdot 8 = ?$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \end{array}$$

$0 \cdot 8 = 0$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \end{array}$$

$0 \cdot 8 = 0$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ ? \end{array}$$

$3 \cdot 8 = ?$

Example

Multiply 30 by 88.

$$\begin{array}{r} {\scriptstyle 2} \\ 30 \cdot 88 \\ \hline 00 \\ 4 \end{array}$$

$3 \cdot 8 = 24$

Example

Multiply 30 by 88.

$$\begin{array}{r} {\scriptstyle 2} \\ 30 \cdot 88 \\ \hline 00 \\ 4 \end{array}$$

$3 \cdot 8 = 24$

Example

Multiply 30 by 88.

$$\begin{array}{r} {\scriptstyle 2} \\ 30 \cdot 88 \\ \hline 00 \\ 4 \end{array}$$

$3 \cdot 8 = 24$

Example

Multiply 30 by 88.

$$\begin{array}{r} {\scriptstyle 2} \\ 30 \cdot 88 \\ \hline 00 \\ ?4 \end{array}$$

$3 \cdot 8 + 2 =$?

Example

Multiply 30 by 88.

$$\begin{array}{r} {\scriptstyle 2\ 2\ \ } \\ 30 \cdot 88 \\ \hline 00 \\ 64 \end{array}$$

$$3 \cdot 8 + 2 = 24 + 2 = 26$$

Example

Multiply 30 by 88.

$$\begin{array}{r} {\scriptstyle 2\ 2} \\ 30 \cdot 88 \\ \hline 00 \\ 64 \end{array}$$

$$3 \cdot 8 + 2 = 24 + 2 = 26$$

Example

Multiply 30 by 88.

$$\begin{array}{r} {\scriptstyle 2\ \ 2} \\ 30 \cdot 88 \\ \hline 00 \\ 64 \end{array}$$

$$3 \cdot 8 + 2 = 24 + 2 = 26$$

Example

Multiply 30 by 88.

$$\begin{array}{r} {\scriptstyle 2\ \ 2\ \ } \\ 30 \cdot 88 \\ \hline 00 \\ 264 \end{array}$$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline \end{array}$$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \quad 264 \\ \hline 0 \end{array}$$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline ?0 \end{array}$$

$0 + 4 = ?$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 40 \end{array}$$

$0 + 4 = 4$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 40 \end{array}$$

$0 + 4 = 4$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \; 264 \\ \hline 640 \end{array}$$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \; 264 \\ \hline 2640 \end{array}$$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 2640 \end{array}$$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 2640 \end{array}$$

Multiply 3 by 88.

$$\begin{array}{r} 3 \cdot 88 \\ \hline \end{array}$$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 2640 \end{array}$$

Multiply 3 by 88.

$$3 \cdot 88$$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 2640 \end{array}$$

Multiply 3 by 88.

$$\begin{array}{r} 3 \cdot 88 \\ \hline ? \end{array}$$

$3 \cdot 8 = ?$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 2640 \end{array}$$

Multiply 3 by 88.

$$\begin{array}{r} {\scriptstyle 2} \\ 3 \cdot 88 \\ \hline 4 \end{array}$$

$3 \cdot 8 = 24$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 2640 \end{array}$$

Multiply 3 by 88.

$$\begin{array}{r} {\scriptstyle 2} \\ 3 \cdot 88 \\ \hline 4 \end{array}$$

$3 \cdot 8 = 24$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 2640 \end{array}$$

Multiply 3 by 88.

$$\begin{array}{r} {\scriptstyle 2} \\ 3 \cdot 88 \\ \hline 4 \end{array}$$

$3 \cdot 8 = 24$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 2640 \end{array}$$

Multiply 3 by 88.

$$\begin{array}{r} {\scriptstyle 2} \\ 3 \cdot 88 \\ \hline ?4 \end{array}$$

$3 \cdot 8 + 2 =$?

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 2640 \end{array}$$

Multiply 3 by 88.

$$\begin{array}{r} {\scriptstyle 2\ 2} \\ 3 \cdot 88 \\ \hline 64 \end{array}$$

$3 \cdot 8 + 2 = 24 + 2 = 26$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 2640 \end{array}$$

Multiply 3 by 88.

$$\begin{array}{r} {\scriptstyle 2\ 2} \\ 3 \cdot 88 \\ \hline 64 \end{array}$$

$3 \cdot 8 + 2 = 24 + 2 = 26$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 2640 \end{array}$$

Multiply 3 by 88.

$$\begin{array}{r} {\scriptstyle 2\ 2} \\ 3 \cdot 88 \\ \hline 64 \end{array}$$

$$3 \cdot 8 + 2 = 24 + 2 = 26$$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 2640 \end{array}$$

Multiply 3 by 88.

$$\begin{array}{r} {\scriptstyle 2\ 2} \\ 3 \cdot 88 \\ \hline 264 \end{array}$$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 2640 \end{array}$$

Multiply 3 by 88.

$$\begin{array}{r} 3 \cdot 88 \\ \hline 264 \end{array}$$

Example

Multiply 30 by 88.

$$\begin{array}{r} 30 \cdot 88 \\ \hline 00 \\ + \ 264 \\ \hline 2640 \end{array}$$

Multiply 3 by 88.

$$\begin{array}{r} 3 \cdot 88 \\ \hline 264 \end{array}$$

Example

Multiply 307 by 804.

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \\ \cdot 804 \\ \hline \end{array}$$

Example

Multiply 307 by 804.

$$307 \cdot 804$$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline ? \end{array}$$

$7 \cdot 4 = ?$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 2} \\ 307 \cdot 804 \\ \hline 8 \end{array}$$

$7 \cdot 4 = 28$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 2} \\ 307 \cdot 804 \\ \hline 8 \end{array}$$

$7 \cdot 4 = 28$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 2} \\ 307 \cdot 804 \\ \hline 8 \end{array}$$

$7 \cdot 4 = 28$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 2} \\ 307 \cdot 804 \\ \hline ?8 \end{array}$$

$7 \cdot 0 + 2 = ?$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 2} \\ 307 \cdot 804 \\ \hline 28 \end{array}$$

$7 \cdot 0 + 2 = 2$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 2} \\ 307 \cdot 804 \\ \hline 28 \end{array}$$

$7 \cdot 0 + 2 = 2$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 2} \\ 307 \cdot 804 \\ \hline ?28 \end{array}$$

$7 \cdot 8 = ?$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 5\quad 2} \\ 307 \cdot 804 \\ \hline 628 \end{array}$$

$7 \cdot 8 = 56$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 5\quad 2} \\ 307 \cdot 804 \\ \hline 628 \end{array}$$

$7 \cdot 8 = 56$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 5\quad 2} \\ 307 \cdot 804 \\ \hline 628 \end{array}$$

$7 \cdot 8 = 56$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 5\quad 2} \\ 307 \cdot 804 \\ \hline 5628 \end{array}$$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ ? \end{array}$$

$0 \cdot 4 = ?$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ 0 \end{array}$$

$0 \cdot 4 = 0$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ 0 \end{array}$$

$0 \cdot 4 = 0$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ ?0 \end{array}$$

$0 \cdot 0 = ?$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ 00 \end{array}$$

$0 \cdot 0 = 0$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ 00 \end{array}$$

$0 \cdot 0 = 0$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ ?00 \end{array}$$

$0 \cdot 8 = ?$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ 000 \end{array}$$

$0 \cdot 8 = 0$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ 000 \end{array}$$

$0 \cdot 8 = 0$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ 000 \\ ? \end{array}$$

$3 \cdot 4 = ?$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 1} \\ 307 \cdot 804 \\ \hline 5628 \\ 000 \\ 2 \end{array}$$

$3 \cdot 4 = 12$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 1} \\ 307 \cdot 804 \\ \hline 5628 \\ 000 \\ 2 \end{array}$$

$3 \cdot 4 = 12$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 1} \\ 307 \cdot 804 \\ \hline 5628 \\ 000 \\ 2 \end{array}$$

$3 \cdot 4 = 12$

Example

Multiply 307 by 804.

$$
\begin{array}{r}
{\scriptstyle 1} \\
307 \cdot 804 \\
\hline
5628 \\
000 \\
?2
\end{array}
$$

$3 \cdot 0 + 1 = ?$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 1} \\ 307 \cdot 804 \\ \hline 5628 \\ 000 \\ 12 \end{array}$$

$3 \cdot 0 + 1 = 1$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 1} \\ 307 \cdot 804 \\ \hline 5628 \\ 000 \\ 12 \end{array}$$

$3 \cdot 0 + 1 = 1$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 1} \\ 307 \cdot 804 \\ \hline 5628 \\ 000 \\ ?12 \end{array}$$

$3 \cdot 8 = ?$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 2\quad 1} \\ 307 \cdot 804 \\ \hline 5628 \\ 000 \\ 412 \end{array}$$

$3 \cdot 8 = 24$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 2\quad 1\quad\ } \\ 307 \cdot 804 \\ \hline 5628 \\ 000 \\ 412 \end{array}$$

$3 \cdot 8 = 24$

Example

Multiply 307 by 804.

$$\begin{array}{r} {\scriptstyle 2\quad 1} \\ 307 \cdot 804 \\ \hline 5628 \\ 000 \\ 412 \end{array}$$

$3 \cdot 8 = 24$

Example

Multiply 307 by 804.

$$
\begin{array}{r}
{\scriptstyle 2}\quad{\scriptstyle 1}\\
307\cdot 804\\
\hline
5628\\
000\\
2412
\end{array}
$$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ + \quad 000 \\ 2412 \\ \hline \end{array}$$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ + \quad 000 \\ \quad 2412 \\ \hline 8 \end{array}$$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ + \quad 000 \\ 2412 \\ \hline ?8 \end{array}$$

$2 + 0 = ?$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ + \quad 000 \\ 2412 \\ \hline 28 \end{array}$$

$2 + 0 = 2$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ + \quad 000 \\ 2412 \\ \hline 28 \end{array}$$

$2 + 0 = 2$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ + \quad 000 \\ \quad 2412 \\ \hline ?28 \end{array}$$

$6 + 0 + 2 = ?$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ + \quad 000 \\ 2412 \\ \hline 828 \end{array}$$

$6 + 0 + 2 = 8$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ + \quad 000 \\ \quad 2412 \\ \hline 828 \end{array}$$

$6 + 0 + 2 = 8$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ + \quad 000 \\ \quad 2412 \\ \hline ?828 \end{array}$$

$5 + 0 + 1 = ?$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ + \quad 000 \\ \quad 2412 \\ \hline 6828 \end{array}$$

$5 + 0 + 1 = 6$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ + \quad 000 \\ \quad 2412 \\ \hline 6828 \end{array}$$

$5 + 0 + 1 = 6$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ + \quad 000 \\ 2412 \\ \hline 46828 \end{array}$$

Example

Multiply 307 by 804.

$$\begin{array}{r} 307 \cdot 804 \\ \hline 5628 \\ + \quad 000 \\ \quad 2412 \\ \hline 246828 \end{array}$$

Example

Multiply 307 by 804.

$$
\begin{array}{r}
307 \cdot 804 \\
\hline
5628 \\
+\quad 000 \\
2412 \\
\hline
246828
\end{array}
$$

Example

Multiply 456 by 987.

Example

Multiply 456 by 987.

$$\begin{array}{r} 456 \cdot 987 \\ \hline \end{array}$$

Example

Multiply 456 by 987.

$$\begin{array}{r} 456 \cdot 987 \\ \hline \end{array}$$

Example

Multiply 456 by 987.

$$\begin{array}{r} 456 \cdot 987 \\ \hline \\ ? \end{array}$$

$6 \cdot 7 = ?$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 4} \\ 456 \cdot 987 \\ \hline \\ 2 \end{array}$$

$6 \cdot 7 = 42$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 4} \\ 456 \cdot 987 \\ \hline \\ 2 \end{array}$$

$$6 \cdot 7 = 42$$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 4} \\ 456 \cdot 987 \\ \hline \\ 2 \end{array}$$

$6 \cdot 7 = 42$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 4} \\ 456 \cdot 987 \\ \hline \\ ?2 \end{array}$$

$6 \cdot 8 + 4 =$?

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 5\ 4} \\ 456 \cdot 987 \\ \hline \\ 22 \end{array}$$

$$6 \cdot 8 + 4 = 48 + 4 = 52$$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 5\ \ 4\ \ \ \ } \\ 456 \cdot 987 \\ \hline \\ 22 \end{array}$$

$$6 \cdot 8 + 4 = 48 + 4 = 52$$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 5\ \ 4} \\ 456 \cdot 987 \\ \hline \\ 22 \end{array}$$

$$6 \cdot 8 + 4 = 48 + 4 = 52$$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 5\ \ 4} \\ 456 \cdot 987 \\ \hline \\ ?22 \end{array}$$

$6 \cdot 9 + 5 =$ **?**

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 5\ 5\ 4} \\ 456 \cdot 987 \\ \hline \\ 922 \end{array}$$

$$6 \cdot 9 + 5 = 54 + 5 = 59$$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 5\ 5\ 4} \\ 456 \cdot 987 \\ \hline \\ 922 \end{array}$$

$$6 \cdot 9 + 5 = 54 + 5 = 59$$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 5\ 5\ 4} \\ 456 \cdot 987 \\ \hline \\ 922 \end{array}$$

$$6 \cdot 9 + 5 = 54 + 5 = 59$$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 5\ 5\ 4} \\ 456 \cdot 987 \\ \hline \\ 5922 \end{array}$$

Example

Multiply 456 by 987.

$$\begin{array}{r} 456 \cdot 987 \\ \hline \\ 5922 \\ ? \end{array}$$

$5 \cdot 7 = ?$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 3} \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 5 \end{array}$$

$5 \cdot 7 = 35$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 3} \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 5 \end{array}$$

$5 \cdot 7 = 35$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 3} \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 5 \end{array}$$

$5 \cdot 7 = 35$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 3} \\ 456 \cdot 987 \\ \hline \\ 5922 \\ \mathbf{?}5 \end{array}$$

$5 \cdot 8 + 3 =$ **?**

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 4\ 3} \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 35 \end{array}$$

$$5 \cdot 8 + 3 = 40 + 3 = 43$$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 4\ 3} \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 35 \end{array}$$

$$5 \cdot 8 + 3 = 40 + 3 = 43$$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 4\ 3} \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 35 \end{array}$$

$$5 \cdot 8 + 3 = 40 + 3 = 43$$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 4\ 3} \\ 456 \cdot 987 \\ \hline \\ 5922 \\ ?35 \end{array}$$

$5 \cdot 9 + 4 =$ **?**

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 4\ 4\ 3} \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 935 \end{array}$$

$5 \cdot 9 + 4 = 45 + 4 = 49$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 4\ 4\ 3\ \ } \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 935 \end{array}$$

$$5 \cdot 9 + 4 = 45 + 4 = 49$$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 4\ 4\ 3} \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 935 \end{array}$$

$$5 \cdot 9 + 4 = 45 + 4 = 49$$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
{\scriptstyle 4\ 4\ 3} \\
456 \cdot 987 \\
\hline
\\
5922 \\
4935
\end{array}
$$

Example

Multiply 456 by 987.

$$\begin{array}{r} 456 \cdot 987 \\ \hline \\ 5922 \\ 4935 \\ \textbf{?} \end{array}$$

$4 \cdot 7 = \textbf{?}$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 2} \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 4935 \\ 8 \end{array}$$

$4 \cdot 7 = 28$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 2} \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 4935 \\ 8 \end{array}$$

$4 \cdot 7 = 28$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 2} \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 4935 \\ 8 \end{array}$$

$4 \cdot 7 = 28$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 2} \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 4935 \\ ?8 \end{array}$$

$4 \cdot 8 + 2 =$?

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 3\ 2\ \ } \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 4935 \\ 48 \end{array}$$

$4 \cdot 8 + 2 = 32 + 2 = 34$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 3\ 2\ \ } \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 4935 \\ 48 \end{array}$$

$4 \cdot 8 + 2 = 32 + 2 = 34$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 3\ 2\ \ } \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 4935 \\ 48 \end{array}$$

$4 \cdot 8 + 2 = 32 + 2 = 34$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 3\ 2} \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 4935 \\ ?48 \end{array}$$

$4 \cdot 9 + 3 =$ **?**

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 3\ 3\ 2\ \ } \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 4935 \\ 948 \end{array}$$

$4 \cdot 9 + 3 = 36 + 3 = 39$

Example

Multiply 456 by 987.

$$\begin{array}{r} {\scriptstyle 3\ 3\ 2\ \ } \\ 456 \cdot 987 \\ \hline \\ 5922 \\ 4935 \\ 948 \end{array}$$

$4 \cdot 9 + 3 = 36 + 3 = 39$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
{\scriptstyle 3\ 3\ 2\ \ } \\
456 \cdot 987 \\
\hline
\\
5922 \\
4935 \\
948
\end{array}
$$

$4 \cdot 9 + 3 = 36 + 3 = 39$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
{\scriptstyle 3\ 3\ 2\ \ } \\
456 \cdot 987 \\
\hline
\\
5922 \\
4935 \\
3948
\end{array}
$$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
\\
5922 \\
+\quad 4935 \\
\quad 3948 \\
\hline
\end{array}
$$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
\\
5922 \\
+\ 4935 \\
3948 \\
\hline
2
\end{array}
$$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
\\
5922 \\
+\ 4935 \\
3948 \\
\hline
?2
\end{array}
$$

$2 + 5 = ?$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
\\
5922 \\
+\ 4935 \\
3948 \\
\hline
72
\end{array}
$$

$2 + 5 = 7$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
\\
5922 \\
+\quad 4935 \\
\quad 3948 \\
\hline
72
\end{array}
$$

$2 + 5 = 7$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
\quad ? \\
5922 \\
+\ 4935 \\
3948 \\
\hline
?72
\end{array}
$$

$9 + 3 + 8 = \ ?$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
{\scriptstyle 2} \\
5922 \\
+\;\;4935 \\
3948 \\
\hline
072
\end{array}
$$

$9 + 3 + 8 = 20$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
{\scriptstyle 2} \\
5922 \\
+\;\;4935 \\
3948 \\
\hline
072
\end{array}
$$

$9 + 3 + 8 = 20$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
{\scriptstyle 2} \\
5922 \\
+\;\;4935 \\
3948 \\
\hline
072
\end{array}
$$

$9 + 3 + 8 = 20$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
\quad ?\ 2 \\
\quad 5922 \\
+\quad 4935 \\
\quad 3948 \\
\hline
\quad ?072
\end{array}
$$

$2 + 5 + 9 + 4 = \ ?$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
{\scriptstyle 2\ 2} \\
5922 \\
+\;\;4935 \\
3948 \\
\hline
0072
\end{array}
$$

$2 + 5 + 9 + 4 = 20$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
\ {\scriptstyle 2\ 2} \\
\ 5922 \\
+\quad 4935 \\
\ 3948 \\
\hline
\ 0072
\end{array}
$$

$2 + 5 + 9 + 4 = 20$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
{}^{2}{}^{2} \\
5922 \\
+\quad 4935 \\
\quad 3948 \\
\hline
0072
\end{array}
$$

$2 + 5 + 9 + 4 = 20$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
\quad ?\,2\,2 \\
\quad\;\; 5922 \\
+ \quad 4935 \\
\quad\; 3948 \\
\hline
\quad\; ?0072
\end{array}
$$

$2 + 4 + 9 = \quad ?$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
\quad {\scriptstyle 1\ 2\ 2} \\
\quad 5922 \\
+ \quad 4935 \\
\quad 3948 \\
\hline
\quad 50072
\end{array}
$$

$2 + 4 + 9 = 15$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
\quad {\scriptstyle 1\ 2\ 2} \\
\quad 5922 \\
+ \quad 4935 \\
\quad 3948 \\
\hline
\quad 50072
\end{array}
$$

$2 + 4 + 9 = 15$

Example

Multiply 456 by 987.

$$\begin{array}{r} 456 \cdot 987 \\ \hline {\scriptstyle 1\ 2\ 2} \\ 5922 \\ + \quad 4935 \\ \quad 3948 \\ \hline 50072 \end{array}$$

$2 + 4 + 9 = 15$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
{\scriptstyle 1\ 2\ 2} \\
5922 \\
+\quad 4935 \\
3948 \\
\hline
?50072
\end{array}
$$

$1 + 3 = ?$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
{\scriptstyle 1\ 2\ 2} \\
5922 \\
+\quad 4935 \\
3948 \\
\hline
450072
\end{array}
$$

$1 + 3 = 4$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
{\scriptstyle 1\ 2\ 2} \\
5922 \\
+\quad 4935 \\
3948 \\
\hline
450072
\end{array}
$$

$1 + 3 = 4$

Example

Multiply 456 by 987.

$$
\begin{array}{r}
456 \cdot 987 \\
\hline
\quad {\scriptstyle 1\ 2\ 2} \\
\quad 5922 \\
+ \quad 4935 \\
\quad 3948 \\
\hline
\quad 450072
\end{array}
$$