

# × Long Multiplication Puzzle <sup>A</sup> ×

What is the next letter in the sequence: **OTFFSS**

Complete the long multiplication calculations to find the answer. The two digits underlined in red give a letter. Where the two digits are not next to each other, the left hand digit is the first digit.

A	B	C	D	E	F	G	H	I	J	K	L	M
19	34	28	76	50	92	87	15	63	40	14	36	29
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
08	72	05	41	57	61	83	98	01	49	27	66	58

$\begin{array}{r} 263 \\ \times 31 \\ \hline \end{array}$	$\begin{array}{r} 63 \\ \times 25 \\ \hline \end{array}$	$\begin{array}{r} 35 \\ \times 44 \\ \hline \end{array}$	$\begin{array}{r} 304 \\ \times 32 \\ \hline \end{array}$
$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$
$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$
$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$

  

$\begin{array}{r} 45 \\ \times 18 \\ \hline \end{array}$	$\begin{array}{r} 61 \\ \times 37 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ \times 19 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ \times 66 \\ \hline \end{array}$
$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$
$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$
$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$

  

$\begin{array}{r} 75 \\ \times 74 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ \times 61 \\ \hline \end{array}$	$\begin{array}{r} 93 \\ \times 91 \\ \hline \end{array}$	$\begin{array}{r} 507 \\ \times 19 \\ \hline \end{array}$
$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$
$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$
$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$	$\underline{\hspace{2em}} \quad \underline{\hspace{1em}}$

$$\begin{array}{r} 91 \\ 53 \\ \hline \end{array} \times$$


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$$\begin{array}{r} 0 \\ \hline \end{array}$$


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$$\begin{array}{r} 121 \\ 63 \\ \hline \end{array} \times$$


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$$\begin{array}{r} 69 \\ 91 \\ \hline \end{array} \times$$


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$$\begin{array}{r} 102 \\ 55 \\ \hline \end{array} \times$$


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$$\begin{array}{r} 36 \\ 72 \\ \hline \end{array} \times$$


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$$\begin{array}{r} 86 \\ 32 \\ \hline \end{array} \times$$


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$$\begin{array}{r} 103 \\ 57 \\ \hline \end{array} \times$$


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$$\begin{array}{r} 106 \\ 59 \\ \hline \end{array} \times$$


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$$\begin{array}{r} 69 \\ 87 \\ \hline \end{array} \times$$


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$$\begin{array}{r} 93 \\ 89 \\ \hline \end{array} \times$$


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$$\begin{array}{r} 35 \\ 37 \\ \hline \end{array} \times$$


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$$\begin{array}{r} 49 \\ 67 \\ \hline \end{array} \times$$


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× **Long Multiplication** Puzzle <sup>AA</sup> ×

What is the next letter in the sequence: **OTFFSS**

Complete the long multiplication calculations to find the answer. The two digits underlined in red give a letter. Where the two digits are not next to each other, the left hand digit is the first digit.

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08	72	05	41	57	61	83	98	01	49	27	66	58

$$\begin{array}{r} 2 \quad 4 \\ \underline{\quad} \times \\ 2 \\ \hline 8 \quad 5 \quad 2 \\ \hline 5 \quad 6 \quad 8 \quad 0 \\ \hline 6 \quad 5 \quad 3 \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 7 \\ \underline{\quad} \times \\ 9 \\ \hline 2 \quad 4 \quad 7 \quad 5 \\ \hline 2 \quad 7 \quad 5 \quad 0 \\ \hline 5 \quad 2 \quad 2 \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \quad \quad 3 \\ \underline{\quad} \times \\ 1 \quad 8 \\ \hline \quad \quad \quad \\ \hline 5 \quad 0 \quad 3 \quad 0 \\ \hline 9 \quad 0 \quad 5 \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 7 \\ \underline{\quad} \times \\ 3 \\ \hline 1 \quad 6 \quad 5 \quad 6 \\ \hline 6 \quad 2 \quad 1 \quad 0 \\ \hline 7 \quad 8 \quad 6 \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \quad \quad 5 \\ \underline{\quad} \times \\ 1 \quad 8 \\ \hline 4 \quad 4 \\ \underline{\quad} \\ 5 \quad 5 \quad 0 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \quad \quad 6 \quad 1 \\ \underline{\quad} \times \\ \quad \quad \quad \\ \hline 4 \quad 2 \quad 7 \\ \hline 1 \quad 2 \quad 2 \quad 0 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \quad \quad 5 \quad 7 \\ \underline{\quad} \times \\ \quad \quad 9 \\ \hline 5 \quad 1 \\ \underline{\quad} \\ 4 \quad 5 \quad 6 \quad 0 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 3 \\ \underline{\quad} \times \\ 1 \quad 6 \\ \hline 2 \quad 0 \quad 1 \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 1 \quad 5 \\ \underline{\quad} \times \\ 5 \quad 5 \\ \hline 5 \quad 2 \quad 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \underline{\quad} \times \\ 6 \quad 1 \\ \hline 8 \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \underline{\quad} \times \\ 9 \quad 1 \\ \hline 9 \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 7 \\ \underline{\quad} \times \\ 1 \quad 9 \\ \hline 4 \quad 6 \quad 3 \\ \underline{\quad} \\ 5 \quad 0 \quad 7 \quad 0 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \underline{\quad} \times \\ 3 \\ \hline 2 \ 9 \ 1 \\ \hline 5 \ 1 \ 4 \ 1 \end{array}$$

$$\begin{array}{r} 1 \ 2 \ 1 \\ \underline{\quad} \times \\ 3 \\ \hline 3 \ 6 \\ \hline 7 \ 2 \ 6 \ 0 \end{array}$$

$$\begin{array}{r} 6 \ 9 \\ \underline{\quad} \times \\ 9 \ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \ 0 \ 2 \\ \underline{\quad} \times \\ 5 \\ \hline 5 \ 1 \\ \hline 5 \ 6 \ 1 \ 0 \end{array}$$

$$\begin{array}{r} 9 \ 3 \\ \underline{\quad} \times \\ 3 \\ \hline 1 \ 8 \ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \ 6 \\ \underline{\quad} \times \\ 3 \\ \hline 1 \ 7 \ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \ 0 \ 3 \\ \underline{\quad} \times \\ 5 \\ \hline 7 \ 2 \ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \quad 6 \\ \underline{\quad} \times \\ 5 \ 9 \\ \hline 9 \ 5 \ 4 \\ \hline 6 \ 2 \ 5 \ 4 \end{array}$$

$$\begin{array}{r} 6 \ 9 \\ \underline{\quad} \times \\ 8 \ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \ 3 \\ \underline{\quad} \times \\ 9 \\ \hline 3 \ 7 \\ \hline 6 \ 5 \ 1 \ 0 \end{array}$$

$$\begin{array}{r} 3 \\ \underline{\quad} \times \\ 3 \ 7 \\ \hline 2 \ 4 \ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \ 9 \\ \underline{\quad} \times \\ 7 \\ \hline 3 \ 4 \ 3 \\ \hline 1 \quad 7 \ 0 \\ \hline 1 \quad 1 \ 3 \end{array}$$