

Ten Thousands	Thousands	Hundreds	Tens	Ones
	4	8	1	3
				4
1	6	0	0	0
	3	2	0	0
			4	0
			1	2
1	9	2	5	2

**4-Digit times 1-Digit  
Partial-Product  
Multiplication  
Algorithm**

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$$= 4 \times 4000 \quad (\text{Ones} \times \text{Thousands})$$

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$$= 4 \times 800 \quad (\text{Ones} \times \text{Hundreds})$$

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$$= 4 \times 10 \quad (\text{Ones} \times \text{Tens})$$

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$$= 4 \times 3 \quad (\text{Ones} \times \text{Ones})$$

Answer!