

How to Multiply Multiple Digits: One Multiplier

Name _____

Directions

Always begin multiplying from the bottom right.

Each digit is an increase of ten. You must add a zero for each place value.

Remember, you're multiplying ones, then tens, then hundreds, etc.

Be sure to carry, as needed.

Add all the numbers together to find the answer.

Practice Problem #1

			x	

Ones	x				
Tens	x				0
Hundreds	x			0	0
Thousands	x		0	0	0

+

--	--	--	--	--

Answer

--	--	--	--	--

Practice Problem #2

			x	

Ones	x				
Tens	x				0
Hundreds	x			0	0
Thousands	x		0	0	0

+

--	--	--	--	--

Answer

--	--	--	--	--

How to Multiply Multiple Digits: One Digit

Name _____

Date _____

Start with the **bottom right** number.
 Multiply it by all the numbers on top,
 work right to left.
 Be sure to carry, as needed.
Double check all your calculations.

Carry from each column

--	--	--	--

The first number

	X	

The second number

Sum

--	--	--	--

Start with the **bottom right** number.
 Multiply it by all the numbers on top,
 work right to left.
 Be sure to carry, as needed.
Double check all your calculations.

Carry from each column

--	--	--	--

The first number

	X	

The second number

Sum

--	--	--	--

Start with the **bottom right** number.
 Multiply it by all the numbers on top,
 work right to left.
 Be sure to carry, as needed.
Double check all your calculations.

Carry from each column

--	--	--	--

The first number

	X	

The second number

Sum

--	--	--	--

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Date _____

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 Multiply it by all the numbers on top,
 work right to left.
 Be sure to carry, as needed.
Double check all your calculations.

Carry from each column

--	--	--	--

The first number

	X	

The second number

Sum

--	--	--	--

Start with the **bottom right** number.
 Multiply it by all the numbers on top,
 work right to left.
 Be sure to carry, as needed.
Double check all your calculations.

Carry from each column

--	--	--	--

The first number

	X	

The second number

Sum

--	--	--	--

Start with the **bottom right** number.
 Multiply it by all the numbers on top,
 work right to left.
 Be sure to carry, as needed.
Double check all your calculations.

Carry from each column

--	--	--	--

The first number

	X	

The second number

Sum

--	--	--	--

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Date _____

Start with the **bottom right** number.
 Multiply it by all the numbers on top,
 work right to left.
 Be sure to carry, as needed.
Double check all your calculations.

Carry from each column

--	--	--	--

The first number

	X	

The second number

Sum

--	--	--	--

Start with the **bottom right** number.
 Multiply it by all the numbers on top,
 work right to left.
 Be sure to carry, as needed.
Double check all your calculations.

Carry from each column

--	--	--	--

The first number

	X	

The second number

Sum

--	--	--	--

Start with the **bottom right** number.
 Multiply it by all the numbers on top,
 work right to left.
 Be sure to carry, as needed.
Double check all your calculations.

Carry from each column

--	--	--	--

The first number

	X	

The second number

Sum

--	--	--	--

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Name _____

Date _____

Start with the **bottom right** number.
 Multiply it by all the numbers on top,
 work right to left.
 Be sure to carry, as needed.
Double check all your calculations.

Carry from each column

--	--	--	--

The first number

	X	

The second number



Sum

--	--	--	--

Start with the **bottom right** number.
 Multiply it by all the numbers on top,
 work right to left.
 Be sure to carry, as needed.
Double check all your calculations.

Carry from each column

--	--	--	--

The first number

	X	

The second number



Sum

--	--	--	--

Start with the **bottom right** number.
 Multiply it by all the numbers on top,
 work right to left.
 Be sure to carry, as needed.
Double check all your calculations.

Carry from each column

--	--	--	--

The first number

	X	

The second number



Sum

--	--	--	--

How to Multiply Multiple Digits: Two Digits

Name _____

Date _____

Start with the **bottom right** number.
Multiply it by all the numbers on top,
work right to left.

Be sure to carry, as needed.

Continue with the second number on
the bottom.

Add **A ZERO** for place value, since
you're multiplying by **TENS**.

Add all the numbers together.
Make sure you **line up the numbers**
correctly and carry, as needed.

Double check all your calculations.

Carry from each column

--	--	--	--

The first number

X		

The second number

			0

Add +

Sum

--	--	--	--	--	--

Start with the **bottom right** number.
Multiply it by all the numbers on top,
work right to left.

Be sure to carry, as needed.

Continue with the second number on
the bottom.

Add **A ZERO** for place value, since
you're multiplying by **TENS**.

Add all the numbers together.
Make sure you **line up the numbers**
correctly and carry, as needed.

Double check all your calculations.

Carry from each column

--	--	--	--

The first number

X		

The second number

			0

Add +

Sum

--	--	--	--	--	--

How to Multiply Multiple Digits: Two Digits

Name _____

Date _____

Start with the **bottom right** number.
Multiply it by all the numbers on top,
work right to left.

Be sure to carry, as needed.

Continue with the second number on
the bottom.

Add **A ZERO** for place value, since
you're multiplying by **TENS**.

Add all the numbers together.
Make sure you **line up the numbers**
correctly and carry, as needed.

Double check all your calculations.

Carry from each column

--	--	--	--

The first number

X		

The second number

			0

Add +

Sum

--	--	--	--	--	--

Start with the **bottom right** number.
Multiply it by all the numbers on top,
work right to left.

Be sure to carry, as needed.

Continue with the second number on
the bottom.

Add **A ZERO** for place value, since
you're multiplying by **TENS**.

Add all the numbers together.
Make sure you **line up the numbers**
correctly and carry, as needed.

Double check all your calculations.

Carry from each column

--	--	--	--

The first number

X		

The second number

			0

Add +

Sum

--	--	--	--	--	--

How to Multiply Multiple Digits: Two Digits

Name _____

Date _____

Start with the **bottom right** number.
Multiply it by all the numbers on top,
work right to left.

Be sure to carry, as needed.

Continue with the second number on
the bottom.

Add **A ZERO** for place value, since
you're multiplying by **TENS**.

Add all the numbers together.
Make sure you **line up the numbers**
correctly and carry, as needed.

Double check all your calculations.

Carry from each column

--	--	--	--

The first number

X		

The second number

			0

Add +

Sum

--	--	--	--	--	--

Start with the **bottom right** number.
Multiply it by all the numbers on top,
work right to left.

Be sure to carry, as needed.

Continue with the second number on
the bottom.

Add **A ZERO** for place value, since
you're multiplying by **TENS**.

Add all the numbers together.
Make sure you **line up the numbers**
correctly and carry, as needed.

Double check all your calculations.

Carry from each column

--	--	--	--

The first number

X		

The second number

			0

Add +

Sum

--	--	--	--	--	--

How to Multiply Multiple Digits: Three Digits

Name _____

Date _____

Start with the **bottom right** number.

Multiply it by all the numbers on top, work right to left.

Be sure to carry, as needed.

Continue with the second number on the bottom.

Add **A ZERO** for place value, since you're multiplying by **TENS**.

Continue with the third number on the bottom.

Add **TWO zeroes** for place value, since you're multiplying by **HUNDREDS**.

Add **THREE zeroes** for place value, since you're now multiplying by **THOUSANDS**.

Add all the numbers together.

Make sure you **line up the numbers correctly** and carry, as needed.

Double check all your calculations.

Carry from each column

--	--	--	--

The first number

The second number **X**

					0
				0	0
			0	0	0

Add **+**

Sum

--	--	--	--	--	--	--

How to Multiply Multiple Digits: Three Digits

Name _____

Date _____

Start with the **bottom right** number.

Multiply it by all the numbers on top, work right to left.

Be sure to carry, as needed.

Continue with the second number on the bottom.

Add **A ZERO** for place value, since you're multiplying by **TENS**.

Continue with the third number on the bottom.

Add **TWO zeroes** for place value, since you're multiplying by **HUNDREDS**.

Add **THREE zeroes** for place value, since you're now multiplying by **THOUSANDS**.

Add all the numbers together.

Make sure you **line up the numbers correctly** and carry, as needed.

Double check all your calculations.

Carry from each column

--	--	--	--

The first number

The second number **X**

					0
				0	0
			0	0	0

Add +

Sum

--	--	--	--	--	--	--

Name _____

Multiplication Chart 1 to 11

	1	2	3	4	5	6	7	8	9	10	11
1	1	2	3	4	5	6	7	8	9	10	11
2	2	4	6	8	10	12	14	16	18	20	22
3	3	6	9	12	15	18	21	24	27	30	33
4	4	8	12	16	20	24	28	32	36	40	44
5	5	10	15	20	25	30	35	40	45	50	55
6	6	12	18	24	30	36	42	48	54	60	66
7	7	14	21	28	35	42	49	56	63	70	77
8	8	16	24	32	40	48	56	64	72	80	88
9	9	18	27	36	45	54	63	72	81	90	99
10	10	20	30	40	50	60	70	80	90	100	110
11	11	22	33	44	55	66	77	88	99	110	121

Multiplication Rules

1. Any number times 1 is the first number
2. Any number times 10 is the first number with a zero added to it
3. Any number times 11 is the number written twice (numbers 1 to 9)
4. To multiply by 2 double the number of skip count by 2s
5. To multiply by 5 skip count by 5s
6. To multiply by 9 use the fingers counting strategy or take 1 LESS than the number for the first digit then SUBTRACT that new number from nine to find the second digit