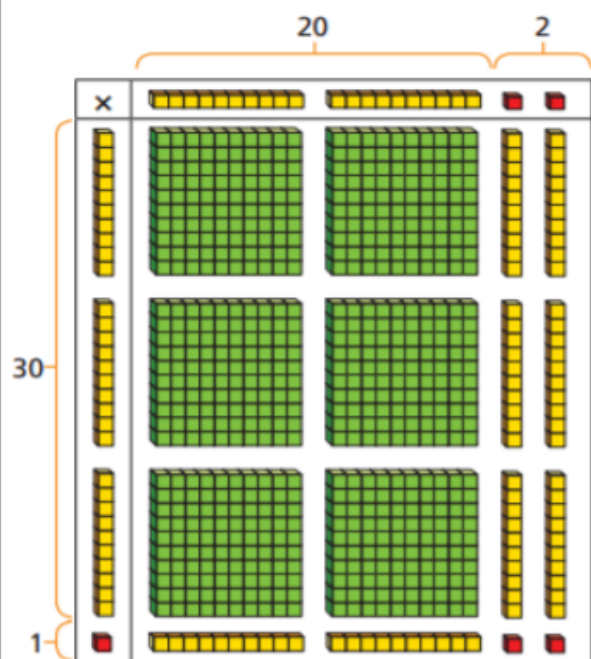


Skill: Multiply 2-digit numbers by 2-digit numbers



×	20	2
30	600	60
1	20	2

	H	T	O
		2	2
×		3	1
		2	2
	6	6	0
	6	8	2

$$22 \times 31 = 682$$

Key Vocabulary

Multiply/Multiplication

Times

Product

Commutative

Tenths

Hundredths

Thousandths

Column

Digit

Factor, Common Factors

Factor pairs

Multiples, Common Multiples

Short Multiplication

Long Multiplication

Operation

Estimate

_____ times larger/smaller

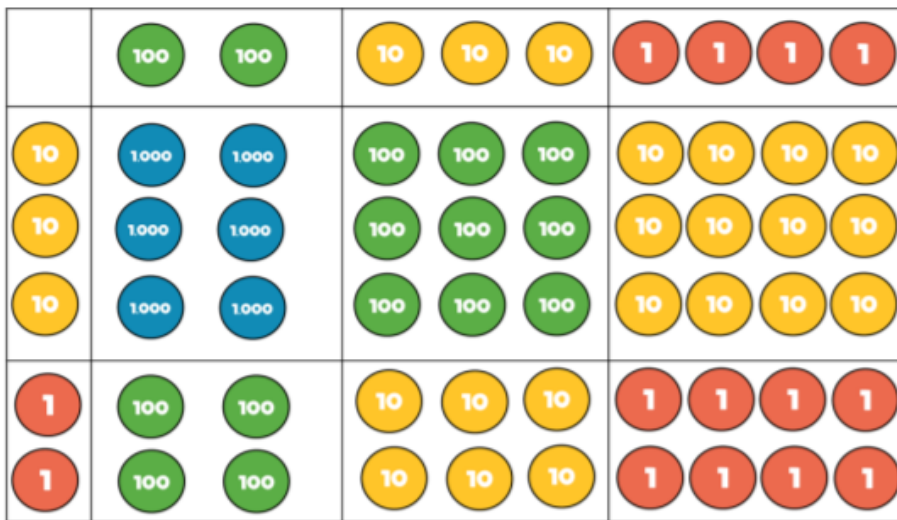
Prime, Composite

Resources:

Number lines
Hundred Square
Place value counters

Counters
Dienes

Skill: Multiply 3-digit numbers by 2-digit numbers



Th	H	T	O
	2	3	4
×		3	2
<hr/>			
	4	6	8
1 7	1 0	2	0
7	4	8	8

$$234 \times 32 = 7,488$$

×	200	30	4
30	6,000	900	120
2	400	60	8

Key Vocabulary

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Hundredths

Thousandths

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Operation

Estimate

_____ times larger/smaller

Prime, Composite

Resources:

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Place value counters

Counters
Dienes

Skill: Multiply 4-digit numbers by 2-digit numbers

TTh	Th	H	T	O
	2	7	3	9
×			2	8
2	1	9	1	2
<small>2</small>	<small>5</small>	<small>3</small>	<small>7</small>	
5	4	7	8	0
<small>1</small>		<small>1</small>		
7	6	6	9	2
				<small>1</small>

$$2,739 \times 28 = 76,692$$

Key Vocabulary

Multiply/Multiplication

Times

Product

Commutative

Tenths

Hundredths

Thousandths

Column

Digit

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Long Multiplication

Operation

Estimate

_____ times larger/smaller

Prime, Composite

Resources:

Number lines
Hundred Square
Place value counters

Counters
Dienes

Skill: Multiply one-digit numbers with up to two decimal places by whole numbers .

$$3.3 \times 3 =$$

Tens	Ones	tenths
	1 1 1	0.1 0.1 0.1
	1 1 1	0.1 0.1 0.1
	1 1 1	0.1 0.1 0.1

	6	.	5
			3
	1	.	5
+	1	8	. 0
	1	9	. 5

Key Vocabulary

Multiply/Multiplication

Times

Product

Commutative

Tenths

Hundredths

Thousandths

Column

Digit

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Multiples, Common Multiples

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Estimate

_____ times larger/smaller

Prime, Composite

Resources:

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Counters
Dienes