

## Skill: Divide multi digits by 2-digits (short division)

		0	3	6
12	4	<sup>4</sup> 3	<sup>7</sup> 2	

$$432 \div 12 = 36$$

$$7,335 \div 15 = 489$$

	0	4	8	9
15	7	<sup>7</sup> 3	<sup>13</sup> 3	<sup>13</sup> 5

15	30	45	60	75	90	105	120	135	150
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### Key Vocabulary

Divide/Division

Share/Group

Commutative

Tenths

Hundredths

Thousandths

Column

Digit

Factor, Common Factors, Factor pairs

Remainder

Multiples, Common Multiples

Short Division/Long Division

Inverse Operation

Estimate

\_\_\_\_\_ times larger/smaller

Prime, Composite

Formal Written Method

Dividend/Divisor/Quotient

### Resources:

Number lines  
Hundred Square  
Place value counters

Counters  
Dienes

## Skill: Divide multi-digits by 2-digits (long division)

		0	3	6
1	2	4	3	2
	-	3	6	0
			7	2
	-		7	2
				0

(x30)

$$\begin{aligned} 12 \times 1 &= 12 \\ 12 \times 2 &= 24 \\ 12 \times 3 &= 36 \\ 12 \times 4 &= 48 \\ 12 \times 5 &= 60 \\ 12 \times 6 &= 72 \\ 12 \times 7 &= 84 \\ 12 \times 8 &= 96 \\ 12 \times 9 &= 108 \\ 12 \times 10 &= 120 \end{aligned}$$

(x6)

$$432 \div 12 = 36$$

$$7,335 \div 15 = 489$$

	0	4	8	9
15	7	3	3	5
-	6	0	0	0
	1	3	3	5
-	1	2	0	0
		1	3	5
-		1	3	5
				0

(x400)

$$\begin{aligned} 1 \times 15 &= 15 \\ 2 \times 15 &= 30 \\ 3 \times 15 &= 45 \\ 4 \times 15 &= 60 \\ 5 \times 15 &= 75 \\ 10 \times 15 &= 150 \end{aligned}$$

(x80)

(x9)

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