**Developing:**

**L.O.** **To use short division to divide 2-digit numbers**

 

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2. 69 **÷** 3 = 8. 85 **÷** 5 =

3. 84 **÷** 6 = 9. 98 **÷** 7 =

4. 84 **÷** 7 = 10. 78 **÷** 3 =

5. 54 **÷** 3 = 11. 92 **÷** 4 =

6. 52 **÷** 4 = 12. 96 **÷** 8 =

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**Mastery:**

**To use short division to find missing values**

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**Greater Depth:**  [1]

 24 **÷** 6 = \_\_\_\_\_\_

 48 **÷** 6 = \_\_\_\_\_\_

 96 **÷** 6 = \_\_\_\_\_\_

1. How are these calculations linked?

1. What pattern do you spot? Explain.

2. Can you create a rule?

3. Test your rule using your own examples.

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| **Greater Depth: To use short division to investigate how many divisors a number has** [2] |
|  |
| Circle the numbers that **96** can divide into without remainders | 2 3 4 5 6 7 8 9 10 11 12 |
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| - Why do multiples of 12 have so many divisors? Do all multiples of 12 have these divisors? Explain.- Find your own 2-digit numbers that have at least 5 divisors.  |

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