FAITH THINKERS
Traditional Arithmetic & Logic

Name: _____

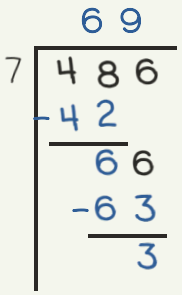
LONG DIVISION

Divide Step by Step

Objective: Divide step by step: divide, multiply, subtract, then bring down the next digit.

INSTRUCTION For each digit, divide, multiply, subtract, then bring down the next digit. Write the quotient on top of the line.

EXAMPLE Follow the steps to solve it.



1. 48 ÷ 7 = 6; 6 × 7 = 42; 48 − 42 = 6. Bring down the 6.
2. 66 ÷ 7 = 9; 9 × 7 = 63; 66 − 63 = 3.

486 ÷ 7 = 69 R 3

INDEPENDENT PRACTICE Solve each one. Show your work; write the quotient on top.

1. 2 | 9 9 4
2. 9 | 3 2 7
3. 3 | 9 6 2
4. 4 | 4 1 1
5. 9 | 7 5 1
6. 4 | 2 2 9
7. 7 | 1 8 5
8. 9 | 4 3 4
9. 5 | 9 4 9
10. 8 | 4 4 8

I solved by: ○ divided each place ○ checked by multiplying ○ wrote the remainder

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TEACHER EDITION

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EXAMPLE Follow the steps to solve it.

```
   6 9
7 | 4 8 6
  -4 2
    6 6
   -6 3
      3
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2. 66 ÷ 7 = 9; 9 × 7 = 63; 66 − 63 = 3.

486 ÷ 7 = 69 R 3

INDEPENDENT PRACTICE Solve each one. Show your work; write the quotient on top.

1. 2 | 9 9 4 = 4 9 7
2. 9 | 3 2 7 R3 = 3 6
3. 3 | 9 6 2 R2 = 3 2 0
4. 4 | 4 1 1 R3 = 1 0 2
5. 9 | 7 5 1 R4 = 8 3
6. 4 | 2 2 9 R1 = 5 7
7. 7 | 1 8 5 R3 = 2 6
8. 9 | 4 3 4 R2 = 4 8
9. 5 | 9 4 9 R4 = 1 8 9
10. 8 | 4 4 8 = 5 6

I solved by: ○ divided each place ○ checked by multiplying ○ wrote the remainder