Long Division With Partial Quotients #3

How to Divide With Partial Quotients

Step 1: Work with multiples of 100 and ask yourself: *How many times can 4 go into 935?* 4 can go into this dividend 200 times without going over.

Step 2: Subtract 800 from 935. How many times can 4 go into 135? Think multiples of 10! 4 multiplied by 30 is 120.

Step 3: Repeat until you can't subtract.

Step 4: Find the sum of the partial quotients. Then, write the remainder next to this sum!

divisor   dividend

```
 4 ) 9 3 5
   - 8 0 0    200
     1 3 5
   - 1 2 0     30
       1 5
     - 1 2      3
         3
```
remainder

200 + 30 + 3 = 233

935 ÷ 4 = 233 r3

Directions: Find each quotient using the Partial Quotient Strategy and show all of your work.

1. ☐   5) 6 1 4

2. ☐   3) 8 1 8

3. ☐   6) 1,9 8 8

Let's Check Using the Inverse Operation!

Use multiplication to check your answer for problem number 1. Show all of your work.