Name **ANSWERS**

Date

Partial Quotients with Two-Digit Divisors

The **partial quotients method** is a way to solve division problems by repeatedly finding pieces of the quotient, or a partial quotient, subtracting the products from the dividend, and then adding up all the quotients to determine the answer to the division problem.

Label the products, partial quotients, dividend, and divisor in this example problem.



Directions: Solve the division problems using the partial quotients method.

| 1. | 896 ÷ 23 | 2. | 5,435 ÷ 58 |
|----|---|---|---|
| | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | x $58\sqrt{5} 4 35$ -580 $4^{7}8^{15}55$ -580 $4^{7}8^{15}55$ -580 $34^{7}2^{17}75$ 580 3695 -1160 $2^{4}5^{13}35$ -1160 1375 -1160 1375 -174 41 | 10 10 rounded divisor 10 \downarrow 60 x 4 = 240 20 $60 \times 3 = 180$ 58 x 3 = 174 20 20 3 93 ainder of 41 |