Name _____   Date _____

Extended Long Division Lesson and Worksheet

Divide. Check each division result with multiplication.

$$7)\overline{4564}$$

Step 1	Step 2	Step 3	Step 4
6___ 7)4564 42 35	65__ 7)4564 42 36 35 14	652_ 7)4564 42 36 35 14 14 0	3 1 652 __X7_ 4564
7 does not go into 4, so look at the first two digits, i.e., 46.	7 goes into 36 five times. The remainder is 1. Drop down the next digit.	7 goes into 14 two times. The remainder is 0. No more digits to divide. Quotient is 652.	Now we will check our answer by multiplying the answer just obtained by the divisor. It should be equal the dividend.

Quotient is 652.

Answer: 652

Practice Problems

1          $$5)\overline{2125}$$ 2 $$9)\overline{3366}$$