

Directions: Complete the table below. Then answer the questions beneath the table.

Problem	Number 1	Number 2	GCF	LCM	Product of GCF and LCM	Product of Numbers
1.	3	5	1	15	15	15
2.	4	6	2	12	24	24
3.	6	9	3	18	54	54
4.	8	12	4	24	96	96
5.	7	10	1	70	70	70
6.	9	15	3	45	135	135
7.	12	15	3	60	180	180
8.	7	14	7	14	98	98
9.	10	15	5	30	150	150

1. Do you notice a pattern formed by the values in this table? Explain.

Yes. For each row, the product of the numbers is the same as the product of their GCF and LCM.

2. What is the relationship between the *Product of the GCF and LCM* and the *Product of the Numbers* for each problem in the table above?

The values of the numbers in these two columns turn out to be the same for each problem.