

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Rules, Rules, Rules

1. There are many rules that fit the information in the In-Out table shown here. Your job is to find at least ten different rules that work. You can use multiplication, division, addition, subtraction, and exponents, and you can use more than one operation in a single rule.

<i>In</i>	<i>Out</i>
5	16

2. The table at the right gives a bit more information than the one above, but that just makes things harder. Find as many rules as you can (at least three) that fit both rows of this table.

<i>In</i>	<i>Out</i>
1	2
2	5