

1C Multiplication Table.doc

Prealgebra

Name: _____

Due Date: _____

WHY: In real life, you often need to do “mental math.”

LEARNING OBJECTIVES:

- 1) Memorize basic multiplication facts.
- 2) Find important patterns in the multiplication table.

ACTIVITY:

- 1) Fill in this multiplication table. Don't use a calculator!

×	0	1	2	3	4	5	6	7	8	9
0										
1										
2										
3										
4										
5										
6										
7										
8										
9										

- 2) What pattern do you notice if you fold the table across the diagonal?

Explain this pattern mathematically.

- 3) What happens when you go across the 4's row?

Down the 7's column?

- 4) Anything times 1 is _____. In symbolic notation, _____
- 5) Anything times 0 is _____. In symbolic notation, _____