

Strand: Algebra

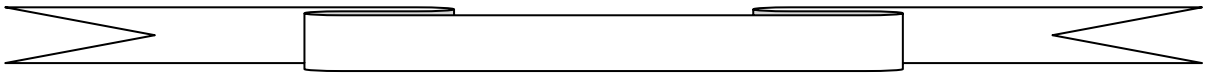
Name: KEY

Skill Addressed: Linear Relationships Explored

Blk:

Activity: *Part 2: A Written Rule*

A Written Rule for Joy's pattern on the previous page could be:
"Multiply your row number by 3 and add 10."



Patterns can also be seen in every day occurrences.

Emily's Gift:

For her parents' new house, Emily wants to buy a fancy Address Sign to put at the end of the driveway. The sign post and writing surface costs \$10, and each large brass letter or digit costs \$3.

Make a table that shows costs for the entire sign (ignore tax) depending on how many letters/digits she needs.



Clearly label the column names of your table.

Write to explain any observations that you make.

# of characters	Cost
0	10
1	13
2	16
3	19
4	22
5	25

The cost will be 3 times the number of characters plus \$10.

$C = 3N + 10$