

WARM UP

Evaluate for $x = 9$

1) $7x$

2) $x/3$

3) $4 + 3x$

4) $5x - 9$

5) $10x/5$

MATH COURSE I

Two Step
Patterns

November 27,
2012

Mrs. Culverwell

- Document Camera: Page 435

Two Step Patterns

Write the Expression.

x	y
1	7
2	13
3	19
4	25

*Look for a pattern down the “y” column.

*Use that number to multiply by x.

*See what needs to be added last

-The Pattern is **add 6**, so **multiply 1 and 6**. How much more do you need to make 7?

ANSWER: **$6x + 1$**

TRY SOME!

x	y
2	6
3	10
4	14
5	18

x	y
3	13
4	18
5	23
6	28

x	y
4	16
5	19
6	22
7	25

x	y
6	7
7	9
8	11
9	13

* Hint: This one requires subtraction

FIND THE MISSING NUMBER

x	y
10	5
11	8
12	11
24	

$$3x - 25 = y$$

CREATE A TABLE

$$y = 4x + 1$$

*Choose an x to solve for y. **i.e. 1**

$$y = 4(1) + 1$$

$$y = 4 + 1$$

$$y = 5$$

x	y
1	5
2	

CREATE A TABLE

1) $y = 10x - 3$

2) $y = 5x + 1$

3) $4x - 2 = y$

4) $y = 12x + 5$

5) $3x - 2 = y$