

Name _____ Date _____

Algebra
Unit 1 Line Master 7a

What's Our Pattern?

This pattern was created by: _____

1. Build terms 0, 1, and 5 in our pattern.

Draw terms 0 to 3 of our pattern and complete the table.

Term number	Term value
0	
1	
2	
3	
4	
5	

What's Our Pattern? (cont'd)

2. a) Write an algebraic expression to represent our pattern.

b) Assume that our pattern continues.

What is the term value when the term number is 10?

When the term number is 100?

How do you know?

3. The value of a term in our pattern is _____.

What is the term number?

Explain how you determined your answer.