

Name _____ Date _____

Patterns and Relations
Unit 1 Line Master 5a

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) Identify the initial value and constant change of our pattern.

b) Write an algebraic expression to represent our pattern.

c) Assume that our pattern continues.

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

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.