

Activity 2 Assessment

Writing an Expression to Describe a Linear Pattern

Writing an Expression to Describe a Linear Pattern

Constructs a table of values to represent a linear pattern and describes the pattern in words



There are 2 more circles each time. If I know the term number, I can find the number of circles by multiplying by 2, then subtracting 1.

Writes an algebraic expression to describe a linear pattern



I let n represent the term number. Then the term value can be described as $2n - 1$.

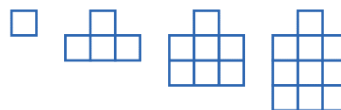
Writes an algebraic expression that matches a given set of conditions and represents it in a variety of ways

Write an expression with variable n , coefficient 3, and constant term -2 .

My expression: $3n - 2$

n	$3n - 2$
1	1
2	4
3	7
4	10

I made a pattern of square tiles to represent this relationship.



Uses an algebraic expression to model a real-life situation

Mitchell practises for a swim meet. They swim 10 laps on Monday.

Each day for the rest of the week, they increase the number of laps they swim by 5.

The pattern is:
5, 10, 15, 20, 25, 30, 35

I can represent this with the expression $5n + 5$.

Observations/Documentation