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| **Writing an Expression to Describe a Linear Pattern** |
| Constructs a table of values to represent a linear pattern and describes the pattern in wordsThere 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 2*n* – 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: 3*n* – 2 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, 35I can represent this with the expression 5*n* + 5. |
| **Observations/Documentation** |
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