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| **Using the Nth Term of Sequences** | | | |
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| **(a)** | **(a)** | **(a)** | **(a)** |
| Find the value of as a fraction in its simplest form. | Find the value of . | Find the term. | Find the value of as a mixed number. |
| **(b)** | **(b)** | **(b)** | **(b)** |
| A term of the sequence is Find the value of . | A term of the sequence is Find the value of . | A term of the sequence is Find the value of . | Find the term in the sequence closest to |
| **(c)** | **(c)** | **(c)** | **(c)** |
| Find the difference between the term and the term. | Find the sum of the term and the term. | Find | Find the difference between the term and the term. |
| **(d)** | **(d)** | **(d)** | **(d)** |
| Find the first term in the sequence that is greater than | Find the first term in the sequence that is greater than | Find the first term in the sequence that is negative. | Find the smallest value of for which |