

# Nth Term of Quadratic Sequences

Increasingly  
Difficult  
Exercises

- |                                    |                                 |                                   |
|------------------------------------|---------------------------------|-----------------------------------|
| a)<br>1, 4, 9, 16, 25, ...         | b)<br>3, 6, 11, 18, 27, ...     | c)<br>-4, -1, 4, 11, 20, ...      |
| d)<br>2, 8, 18, 32, 50, ...        | e)<br>5, 20, 45, 80, 125, ...   | f)<br>4, 9, 16, 25, 36, ...       |
| g)<br>49, 64, 81, 100,<br>121, ... | h)<br>2, 6, 12, 20, 30, ...     | i)<br>-2, -2, 0, 4, 10, ...       |
| j)<br>10, 15, 22, 31, 42,<br>...   | k)<br>6, 15, 28, 45, 66,<br>... | l)<br>8, 21, 50, 101,<br>180, ... |

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