

**4-2 Patterns and Linear Functions**

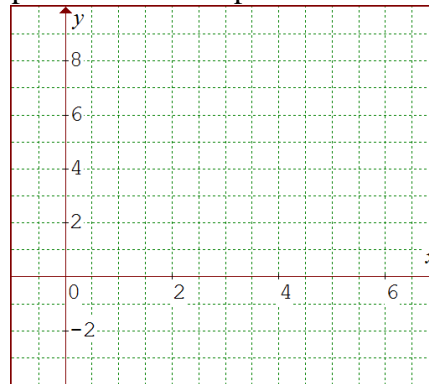
Use the table at the right to answer questions 1-4:

$x$	$y$
0	-3
1	-1
2	1
3	3
4	5

1. Is the relationship linear? Explain how you know.

2. Express the relationship using words.

4. Graph the relationship



3. Express the relationship using an equation.

5. Determine whether the set of order pairs shown represents a linear relationship. Explain how you know.  $\{(0, -3), (1, 2), (2, 7), (4, 17), (6, 27)\}$