Name: Block: Date:

Recursive and Explicit Formulas

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| 1) Write the equation of the line that goes through the points in the table, in both explicit and recursive form.

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| --- | --- | --- | --- |
| $$x$$ | 1 | 2 | 3 |
| $$f(x)$$ | 14 | 12 | 10 |

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| 2) Write the equation of the line that is graphed below.http://2012books.lardbucket.org/books/beginning-algebra/section_06/515028be66ad2fe513ee441562074a95.jpg |
| 3) Convert the recursive form into explicit form for the equation: $\begin{matrix}y\_{0}=14\\y\_{n}=y\_{n-1}-3\end{matrix}$ |