ES

1 2

To represent this **Linear Function** as an equation, it would look like this: "$y = x + 2$". To find the value for the variable $y$, input the value for the $x$ variable and solve for $y$. Similar to linear equations, linear functions have the input variable $x$ raised to the power of 1. This yields a straight line on a graph, making it linear. Lets practice! Given the linear function "$y = 2x + 3$", complete the input-output table below by dragging the numbers to the $y$ column. The first one has been done for you.

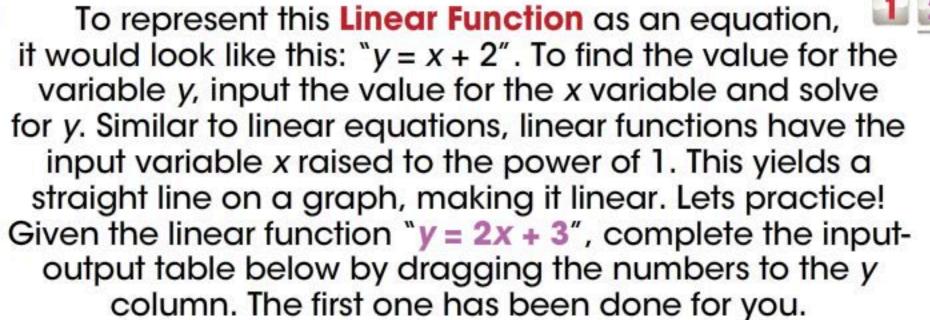| x | y |
|---|---|
| 1 | 2(1) + 3 = 5 |
| 2 | |
| 3 | |
| 4 | |
| 5 | |

1 2 3 4 5 6 7 8 9 0

Reset

ES

**Wyatt gets a summer job cutting grass. Wyatt receives a flat rate of $40 for each day he works, as well as $6 for each lawn cut. His total pay (in dollars) for the day is represented by *P*; the number of lawns he cuts is represented by *g*. His total earnings for a given day is expressed with the function:**
$$P = 6g + 40$$

**On Wyatt's first day of work, he cuts 6 lawns. Use the function to calculate his total pay.**

$P = \boxed{\phantom{00}}$

**Touch for Solution**

1 2 3 4 5 6 7 8 9 0

Reset

ES

**Find the missing term in the following sequences.**

**Rule:** *multiply the previous term by 3 and subtract 2*

**13, 37, 109, 325,** ▢▢▢

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**1 2 3 4 5 6 7 8 9 0**

Reset