2.7 Piecewise Functions



On Friday night, you and a group of friends decide to go bowling at the local Glow and Bowl. The bowling alley rents lanes by the hour. Each hour costs $7 with a maximum charge of $49.

Create a graph that represents how much time (up to 10 hours) your group of friends can bowl compared to the cost ($) at the bowling alley.

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Write an equation that represents this graph

**Graph the step functions.**

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| 1. |  | 2. |  |

**Write the equation of step function using function notation.**

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| 3. |  | 4. |  |