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| --- | --- |
| **Fill in the Blanks** | **Three-Step Functions** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Input** | **Function Machine** | **Output** | **Function** |
|  |  |  |  |  | $$f\left(x\right)=\frac{3x-1}{4}$$ |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  | $$f\left(x\right)=4\sqrt{x}+1$$ |
|  |  |  |  |  | $$g\left(x\right)=2\left(\frac{1}{x}-3\right)$$ |
|  |  |  |  |  | $$f\left(x\right)=\frac{1}{3x}-1$$ |
|  |  |  |  |  | $$f\left(x\right)=\left(\frac{x+2}{3}\right)^{2}$$ |
|  |  |  |  |  | $$g\left(x\right)=\frac{1}{4x-3}$$ |