Lesson 4.2.1: Domain and Range of Exponential Functions

Warm-Up 4.2.1

Katya put $2,000 into a savings account that gives 6% interest, compounded annually. The investment's value grows according to the function $f(x) = 2000 \cdot 1.06^x$ over the course of 7 years, where x represents the number of years the investment has been growing and $f(x)$ represents the value of the investment.

1. What inputs would make sense for this function?

2. What is the initial value of the investment?

3. What is the value of the investment after 7 years?

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