

## Algebra 2

### Unit: Exponential and Logarithmic Functions

#### Section: Graphing Exponential Functions and Domain and Range

#### Flashcards: Domain and Range of Exponential Functions

Directions: Find the domain or range of the following functions.

1. Find the domain of  $f(x) = 3^{x+2} - 3$ .
2. Find the range of  $f(x) = 3^{x+2} - 3$ .
3. Find the domain of  $f(x) = 2^{-x} + 1$ .
4. Find the range of  $f(x) = 2^{-x} + 1$ .

Answers:

1. All Real Numbers
2.  $y > -3$
3. All Real Numbers
4.  $y < 1$