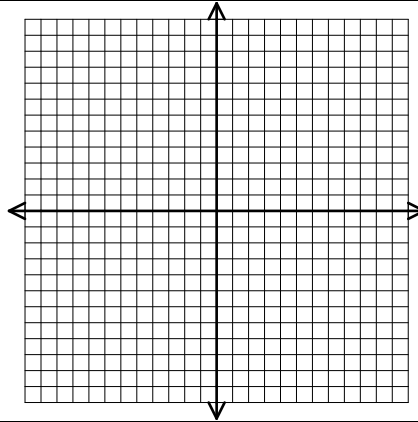




1-60. Graph and completely describe the function:  $f(x) = 4^x$  using the following attributes from Section 1.1.2

- shape
- domain and range
- line of symmetry
- endpoints
- opens upward or downward
- maximum or minimum points
- **asymptotes (see notes for 1.1.3)**
- continuous or discrete
- increasing or decreasing
- whether it is a function
- x- and y-intercepts

Description:



1-62. Determine the value of  $x$  in the diagram below. Justify your reasoning.

