

Graphing Exponential Review

Graphing Exponential functions

1. Graph $f(x) = 5^x$ and make a table of values for $x = -2, -1, 0, 1, 2$
 - a. Give the Domain and Range
 - b. Does the graph increase or decrease
 - c. What is the y-intercept
 - d. Does the graph touch or cross the x-axis. Explain.

2. Graph $f(x) = \left(\frac{1}{5}\right)^x$ and make a table of values for $x = -2, -1, 0, 1, 2$
 - a. Give the Domain and Range
 - b. Does the graph increase or decrease
 - c. What is the y-intercept
 - d. Does the graph touch or cross the x-axis. Explain.