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.