

11 Advance Mathematics
M6L1 – Logarithmic Function

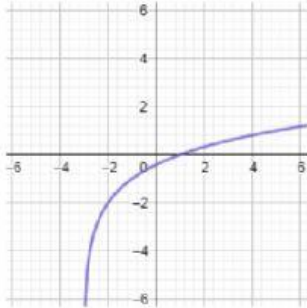
Name in English:

Identify the graph of following functions.

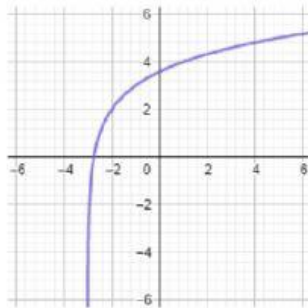
1. Identify the graph of the following function.

$$f(x) = 2 \log_4(x + 3) - 2$$

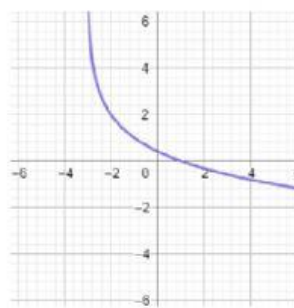
a) .



b) .



c) .

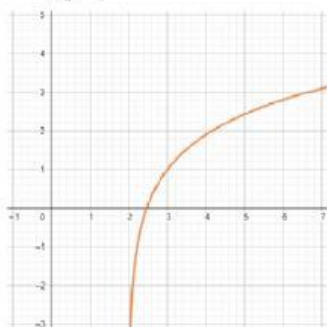


d) .

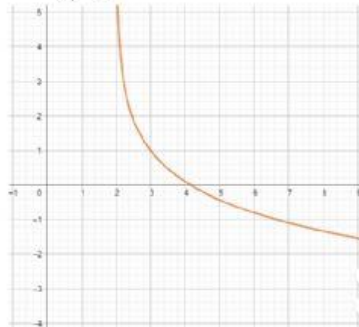
2. Identify the graph of the following function.

$$f(x) = -3 \log_{10}(x - 2) + 1$$

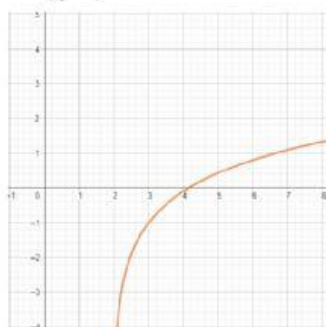
a) .



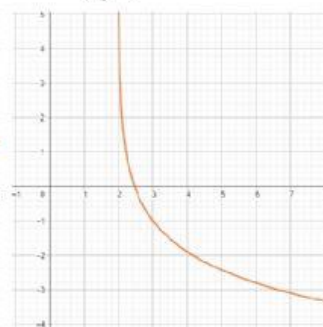
b) .



c) .



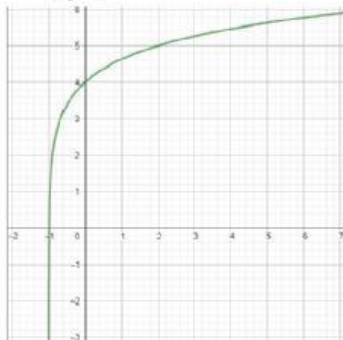
d) .



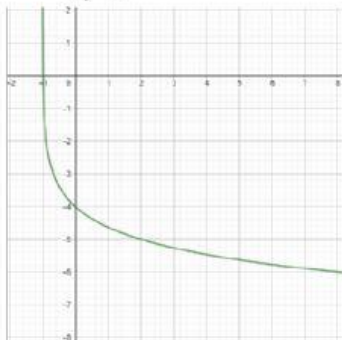
3. Identify the graph of the following function.

$$f(x) = \log_3(x + 1) - 4$$

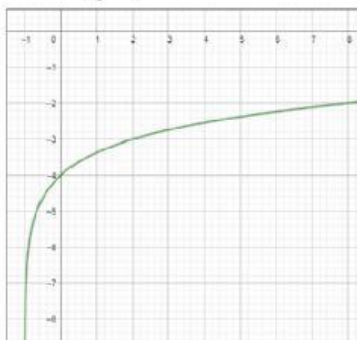
a) .



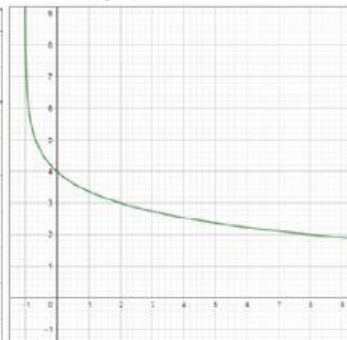
b) .



c) .



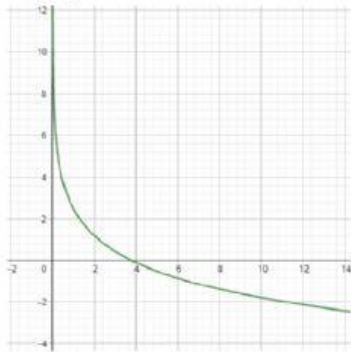
d) .



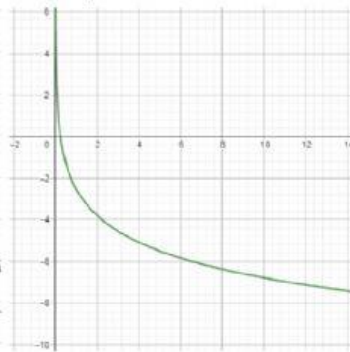
4. Identify the graph of the following function.

$$f(x) = -3 \log_{\frac{1}{5}} x + 2.5$$

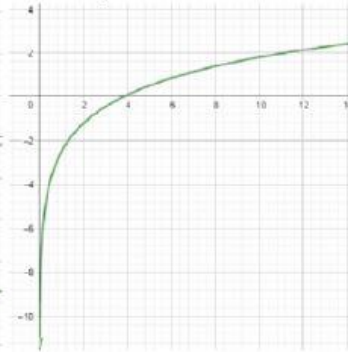
a) .



b) .



c) .



d) .

