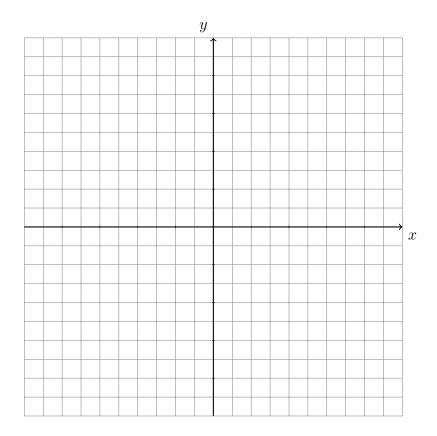
## MATH 19501 Quiz 10 - Winter 25

Name:	EMPLID:	Answer all 4 questions.
answer in the provide should sketch your	of your work as neatly and clearly ded region for each non-graph quest graph on the grid provided. $f(x) = -4^{2x+3}$ . Find $f(-1)$ . Write y	tion. For all graph questions, you
	f(-1) =	
2. (4 points) Find a (0,6) and (2,150).	formula $f(x) = a(b)^x$ for an expone	ential function that passes through
Write your answer i	n the box below:	
	f(x) =	

3. (4 points) Sketch the graph of  $f(x) = 4^x - 2$  on the set of axes below.



4. (4 points) Starting with the graph of  $f(x) = 3^x$ , write the equation of the graph that results from reflecting f(x) about the x-axis and then the y-axis.

Write your answer in the box below:

$$y =$$