## Standard 2 Practice Quiz E

MA 109

Print Your Nam	ne:	ID:	
	e ID number above is your correct 8-digit student ID n incorrect or not legible, it will take longer to process y		
a 4-function ca	for an in-class assessments on Standard 2. The only to lculator. No notes or books may be used. This is an incly your own work.		• •
•	ur work. Your work will be graded on both accuracy ar have 20 minutes to take this quiz.	nd completeness	s, and partial credit
Be sure to com	plete both the questions on this page and those on th	e back of this pa	ige.
since 2 where	ists are studying the population growth of five animals 010. The models they have found for the population a $x$ is years after 2010.  Which populations are growing? Select all that apply $\Box$ A	re given in the t	~
	□ B	Animal	Model
	_	Α	19x + 146
	□ D	В	-3x + 283
	□ E	С	7x + 686
b.	Which population is growing the fastest?	D	-20 + 532
	OA	E	2x + 442
C.	O B O C O D O E Which population had the largest population in 2010 O A O B O C O D O E	?	

2.		
		Answer:
3.	Suppose $g(x) = x^2 + 3x - 7$ . Find the average of your work. Simplify your answer and write it	
		Answer: