Timed Extended Constructed Response (ECR) Task—Advance Alg A.CED.3, A.REI.6	ebra	January
Name:	Date:	
At Concessions Unlimited, four granola bars and three drinks cost \$ and five drinks cost \$15.00.	312.50.	Two granola bars
At Snacks To Go, three granola bars and three drinks cost \$10.50. drinks cost \$10.00	Four gr	anola bars and two
a) Write a system of equations for each concession stand that mod	lels the p	orice of its items.
b) Solve each system of equations. What do the solutions represent	nt?	

c) You decide to open a new concession stand and sell granola bars and drinks. Determine a price for each item that differ from the others provided. Write a system of equations to model the prices at your snack bar.

Task is worth a total of 6 points.

Rubric Part A		
Score	Description	
2	Student response includes the ♣ Modeling Component = A system of equations is writte Sample Student Response: Concessions Unlimited 4x + 3y = 12.5 2x + 5y = 15	2 points
1	Student response includes 1 o	f 2 elements
0	Student response is incorrect of	or irrelevant

Rubric Part B		
Score	Description	
3	Student response includes the	nt = 2 points ctly nt = 1 point

2	Students response includes 2 of 3 elements
1	Students response includes 1 of 3 elements
0	Student response is incorrect or irrelevant

Rubric Part C		
Score	Description	
1	Student response includes the following element ❖ Modeling component = 1 point Prices are assigned to each item and a system of equations modeling these prices is provided Sample Student Response: (Answers vary) Granola Bars cost \$1 and drinks cost \$1.50 x + y = 2.5 x + 2y = 4	
0	Student response is incorrect or irrelevant	

Points	Genesis Conversion
0	55
1	59
2	69
3	79
4	89
5-6	100