Timed Extended Constructed Response (ECR) Task—Algebra 1 January  A.CED.3, A.REI.6  Name: Date:				
At Concessions Unlimited, four granola bars and three drinks cost \$12.50. Two granola bars and five drinks cost \$15.00.				
At Snacks To Go, three granola bars and three drinks cost \$10.50. Four granola bars and two drinks cost \$10.00				
a) Write a system of equations for each concession stand that models the price of its items.				
b) Calve and eveters of associance. What do the calutions represent?				
b) Solve each system of equations. What do the solutions represent?				

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 written Sample Student Response: Concessions Unlimited 4x + 3y = 12.5 2x + 5y = 15	= 2 points	
1	Student response includes 1 c	Student response includes 1 of 2 elements	
0	Student response is incorrect	or irrelevant	

Rubric Part B		
Score	Description	
3	Student response includes the form Calculation Component of The systems are solved correctlor. Reasoning Component of An explanation of what each sold Sample Student Response:  Concessions Unlimited 4x + 3y = 12.5 2x + 5y = 15 (1.25, 2.5)  The solutions represent the cost concession stand	= 2 points y = 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