lame_		Oate	Per
	<b>Solving Systems of Equations</b>	Word Problems	
Exam	imple 1:		
donu	ina and Shira go to Yummy Donuts to get trea outs and 3 cups of coffee and spends \$6. Shira spends \$8.85. What is the price for one donu ee?	buys 3 donuts and 6	cups of coffee
a.	a. Define the variables that you will use to so	olve this problem.	
b.	o. Write an equation to describe Amina's pur Shira's purchase.	rchase and an equati	on to describe
c.	use any method to solve the system of equ	uations.	

d. State your answer to the question in a complete sentence.

Name	Date	Per
	stems of Equations Word Probl	
Example 2:		
Daria and Ilana are running starting line. Daria runs at 5 where will Ilana overtake Da	a race. Ilana runs at 10 feet per sec feet per second and has a 20 foot h aria?	ond and starts at the ead start. When and
a. Define the variables t	that you will use to solve this proble	em.
b. Write an equation to describe Ilana's dista	describe Daria's distance and time ance and time.	and an equation to
	•	
c. Use any method to so	olve the system of equations.	

d. State your answer to the question in a complete sentence.

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Solving S	Systems of Equation	ns Word Pro	blems
Practice 1:			
Michael and Jim are buying of salsa and spends \$8.90. Ji \$19.70. What is the price for	im buys 4 bags of chip	os and 3 jars o	of salsa and spends
a. Define the variables	that you will use to so	olve this prob	lem.
h. Write an equation to		**************************************	
describe Jim's purch		Michael's pu	rcnase an equation to
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c. Use any method to se	olve the system of eq	uations.	
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d. State your answer to the question in a complete sentence.

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Solving Syste	ms of Equations Word Proble	ems	S. C. T.
ctice 2:			
dra and Julie are racing on creat a rate of $6\frac{2}{3}$ meters per sead start of 30 meters. When we	oss-country skis. Julie starts at t cond. Sandra skis at 3 $\frac{1}{3}$ meters pill Julie overtake Sandra?	he starting line and per second and has a	100
a. Define the variables that y	you will use to solve this proble	m.	
			-
b. Write an equation to desc Sandra's distance.	rribe Julie's distance and an equa	ation to describe	
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. Use any method to solve t	the system of equations.		* * *
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1. State your answer to the	question in a complete sentence		