## System of Equations with 3 Variables Word Problems

Na	me:	Period:	Period:	
Dir	ections:	Solve each word problem by identifying the variables, setting up 3 equations, solving them, finding the other answers, and answering the question with a complete sentence.		
1.	78 adult \$1164.7	al performance center had 3 performances of a children's play. For the first performance, they s, 94 children, and 30 senior citizens, making \$956.50. On the second performance, they mad 5 with 86 adults, 120 children, and 45 senior citizens attending. The last performance had 57 ren, and 15 senior citizens and they made \$718.25. What was the cost of each ticket?	le	
2.	some w	013-14 basket season, Kevin Durant scored 2593 points on 1552 shots. Some were 3-point baskets, and the rest were fouls shots, worth 1 point. He made 46 more foul shots -point baskets. What was his point distribution between the 3 different shots?		

3	In a convenir shop. Indi purchased 2 small picture frames and 1 large one for \$29. Miles hought 2 medium
3.	In a souvenir shop, Jodi purchased 2 small picture frames and 1 large one for \$28. Mike bought 3 medium-size frames and 2 large ones for \$56. Shelly bought a small, a medium, and a large frame for \$30. How much does each size of frame costs?