Name _____

Coin Conversions

Represent the following amounts of money as a decimal, fraction, and percent. The first one has been done for you. Use coin manipulatives if needed.

	Decimal	Fraction Before Simplifying	Fraction in Simplest Form	Percent
10¢ (with dimes)	.10	1/10	1/10	10%
75¢ (with quarters)				
75¢ (with pennies)				
25¢ (with quarters)				
50¢ (with dimes)				
90¢ (with dimes)				
60¢ (with pennies)				

Challenge: Look at the fractions in the "Fractions Before Simplifying" column. Examine the denominators. Can you explain why only certain denominators were used? Why weren't there any 3's, 4's, 6's, used as denominators?

Name _____

Price Problem

Jackie, Alex, and Jason are all in the same fifth grade class. Almost everyone in their class has a fancy pen with feathers on the cap, and they want one too! That evening, they each convince their parents to take them to a store to buy a fancy pen with their allowance money. Each student went to a different store, but each store had these pens on sale. Each store sold the pens at a regular price of $1.00. Below are the advertisements for the sale each store was having.

The next day at school, Jackie, Alex, and Jason each showed up with two new fancy pens. Each was very proud of the deal they got, and they actually got into an argument over who saved the most money. Using the signs below, find out how much money each student spent on the two pens. Who should win the argument? Why?

The sign Jackie saw:	The sign Alex saw:	The sign Jason saw:
Fancy Pens! Buy one for $1.00 & Get $0.25 off the Second One!	**Fancy Pens! Buy one pen at regular price, and we'll take 25% off the Second Pen!**	**Fancy Pens! Buy the first pen for $1.00 & we'll take 1/4 of the price off the second pen!**