



Problem of the Week

Problem B

Jesse Goes Camping

Jesse is going camping and is buying her food from three different stores. At each store she pays with a \$20 bill, and is never charged tax.

- a) Without using a calculator, complete the following charts. Round each total amount to the nearest 5 cents before calculating the change.

Store 1		Store 2		Store 3	
Item	Cost	Item	Cost	Item	Cost
Bread	\$2.67	Hotdogs	\$5.00	Yogurt	\$2.67
Milk	\$4.47	Hotdog Buns	\$2.39	Trail Mix	\$4.99
Peanut Butter	\$2.34	Ketchup	\$1.99	Grapes	\$3.64
Jelly	\$2.25	Mustard	\$1.09	Chips	\$3.65
Total		Relish	\$3.34	Total	
Rounded		Total		Rounded	
Change		Rounded		Change	
		Change			

- b) How much money does Jesse have left after buying everything?
- c) Assuming she was given the fewest number of bills and coins possible for her change at each store, how many of each type of bill or coin was Jesse given?

\$10 bill: _____ 25 cent coin (quarter): _____

\$5 bill: _____ 10 cent coin (dime): _____

\$2 coin: _____ 5 cent coin (nickel): _____

\$1 coin: _____