

Problem #1

1) All Purchases

\$10
\$20
\$30

All Sales

\$15
\$25
\$40

she brought in \$40
she spent \$30

she made \$10

2) 30 coins $\left\{ \begin{array}{l} \text{NICKELS} \\ \text{QUARTERS} \end{array} \right. = \4.10

30 NICKELS = \$1.50 (20 NICKELS = \$1.00)
10 NICKELS = \$0.50

I need ~ \$3.00 more dollars
drop 18 NICKELS, ADD 12 Quarters

30 - 12 = 18 NICKELS	\$ 1.90
12 Quarters	\$ 3.00
	\$ 3.90

CLOSE - FOR EVERY NICKEL I replace
with quarter, I get \$0.20

50	17 NICKELS	= \$1.85
	+ 13 Quarters	= 3.25
		4.10

If I had \$4.10 in 30 coins,
I would need 17 nickels and
13 quarters