Determining Change - Multiple Costs, Multiple Items Name:

	Determining change manuple costs, manuple terms mane.	
Solv	ve each problem.	<u>Answers</u>
1)	Paul bought 3 cups, 3 bowls and 3 plates at a store. The cups cost \$1.10 each, the bowls cost \$1.05 a piece and the plates were each \$2.40. If he paid with a twenty dollar bill, how	1
	much change should he get back?	2
2)	Carol bought 1 can of cheese dip, 3 sodas and 1 bag of chips at the grocery store. The can of cheese dip cost \$3.60, the sodas cost \$3.05 a piece and the bag of chips was \$1.75. If she	3
	paid with a twenty dollar bill, how much change should she get back?	4
3)	Cody bought 1 screw driver, 3 wrenches and 1 hammer at a hardware store. The screw driver cost \$4.95, the wrenches cost \$0.55 a piece and the hammer was \$0.85. If he paid with a twenty dollar bill, how much change should he get back?	5
		6
4)	Bianca bought 2 hotdogs, 1 soda and 2 hats at the baseball game. The hotdogs cost \$5.40 each, the soda cost \$1.85 and the hats were each \$1.30. If she paid with a twenty dollar bill, how much change should she get back?	7
		8
5)	Amy bought 1 box of candy canes, 3 boxes of ornaments and 3 gift bags at the Santa Store. The box of candy canes cost \$5.55, the boxes of ornaments cost \$2.00 a piece and the gift bags were each \$1.55. If she paid with a twenty dollar bill, how much change should she get back?	
6)	Victor bought 1 used game, 1 poster and 1 strategy guide at the game store. The used game cost \$7.25, the poster cost \$1.00 and the strategy guide was \$1.25. If he paid with a twenty dollar bill, how much change should he get back?	
7)	Olivia bought 1 pencil, 1 eraser and 2 pens at the school shop. The pencil cost \$0.50, the eraser cost \$1.40 and the pens were each \$0.90. If she paid with a twenty dollar bill, how much change should she get back?	
8)	Debby bought 3 hotdogs, 2 sodas and 2 hamburgers at the state fair. The hotdogs cost \$4.30 each, the sodas cost \$0.95 a piece and the hamburgers were each \$2.05. If she paid with a twenty dollar bill, how much change should she get back?	
9)	Emily bought 1 charger, 2 screen protectors and 1 case at the phone store. The charger cost \$4.15, the screen protectors cost \$2.95 a piece and the case was \$5.95. If she paid with a twenty dollar bill, how much change should she get back?	

Determining Change - Multiple Costs, Multiple Items Name: Answer Key

J	Determining Change - Multiple Costs, Multiple Items Name: Al	nsw	er Key
Solv	ve each problem.		Answers
1)	Paul bought 3 cups, 3 bowls and 3 plates at a store. The cups cost \$1.10 each, the bowls cost \$1.05 a piece and the plates were each \$2.40. If he paid with a twenty dollar bill, how much change should he get back?	1	\$6.35
	$(1.10 \times 3 = 3.30) + (1.05 \times 3 = 3.15) + (2.40 \times 3 = 7.20) = 13.65$	2	\$5.50
2)	Carol bought 1 can of cheese dip, 3 sodas and 1 bag of chips at the grocery store. The can of cheese dip cost \$3.60, the sodas cost \$3.05 a piece and the bag of chips was \$1.75. If she		\$12.55
	paid with a twenty dollar bill, how much change should she get back? $(3.60\times1=3.60)+(3.05\times3=9.15)+(1.75\times1=1.75)=14.50$	4	\$4.75
3)	Cody bought 1 screw driver, 3 wrenches and 1 hammer at a hardware store. The screw driver cost \$4.95, the wrenches cost \$0.55 a piece and the hammer was \$0.85. If he paid	5	\$3.80
	with a twenty dollar bill, how much change should he get back? $(4.95\times1=4.95)+(0.55\times3=1.65)+(0.85\times1=0.85)=7.45$	6	\$10.50
4)	Bianca bought 2 hotdogs, 1 soda and 2 hats at the baseball game. The hotdogs cost \$5.40 each, the soda cost \$1.85 and the hats were each \$1.30. If she paid with a twenty dollar bill, how much change should she get back? ($5.40 \times 2=10.80$)+($1.85 \times 1=1.85$)+($1.30 \times 2=2.60$)=15.25	7	\$16.30
		8	\$1.10
	(3.40×2-10.60)+(1.63×1-1.63)+(1.50×2-2.60)=13.25	9.	\$4.00
5)	Amy bought 1 box of candy canes, 3 boxes of ornaments and 3 gift bags at the Santa Store. The box of candy canes cost \$5.55, the boxes of ornaments cost \$2.00 a piece and the gift bags were each \$1.55. If she paid with a twenty dollar bill, how much change should she get back?		
~	$(5.55 \times 1 = 5.55) + (2.00 \times 3 = 6.00) + (1.55 \times 3 = 4.65) = 16.20$		
6)	Victor bought 1 used game, 1 poster and 1 strategy guide at the game store. The used game cost \$7.25, the poster cost \$1.00 and the strategy guide was \$1.25. If he paid with a twenty dollar bill, how much change should he get back? $(7.25 \times 1=7.25)+(1.00 \times 1=1.00)+(1.25 \times 1=1.25)=9.50$		
7)	Olivia bought 1 pencil, 1 eraser and 2 pens at the school shop. The pencil cost \$0.50, the eraser cost \$1.40 and the pens were each \$0.90. If she paid with a twenty dollar bill, how much change should she get back? $(0.50 \times 1=0.50)+(1.40 \times 1=1.40)+(0.90 \times 2=1.80)=3.70$		
8)	Debby bought 3 hotdogs, 2 sodas and 2 hamburgers at the state fair. The hotdogs cost \$4.30 each, the sodas cost \$0.95 a piece and the hamburgers were each \$2.05. If she paid with a twenty dollar bill, how much change should she get back? $(4.30\times3=12.90)+(0.95\times2=1.90)+(2.05\times2=4.10)=18.90$		
9)	Emily bought 1 charger, 2 screen protectors and 1 case at the phone store. The charger cost \$4.15, the screen protectors cost \$2.95 a piece and the case was \$5.95. If she paid with a twenty dollar bill, how much change should she get back? $(4.15 \times 1=4.15)+(2.95 \times 2=5.90)+(5.95 \times 1=5.95)=16.00$		

C

	Dete	ermining Change	e - Multiple Cos	sts , Multiple Iter	ns Name:	
Solv	Answers					
\bigcap	\$4.75	\$5.50	\$3.80	\$16.30	\$4.00	
	\$1.10	\$12.55	\$6.35	\$10.50)	1
1)	Paul bought 3 c cost \$1.05 a pie much change sh	2 3				
2)	Carol bought 1 of cheese dip co paid with a twee	4. 5.				
3)	Cody bought 1 driver cost \$4.9 with a twenty d	6 7				
4)	Bianca bought 2 each, the soda c how much chan	8 9				
5)	Amy bought 1 b The box of cano bags were each get back?					
6)	cost \$7.25, the j		nd the strategy gui	guide at the game st de was \$1.25. If he	ore. The used game paid with a twenty	
7)	eraser cost \$1.4	1	e each \$0.90. If sh	nool shop. The penc ne paid with a twent	-	
8)	\$4.30 each, the	-	piece and the ham	at the state fair. The burgers were each he get back?	•	
9)	\$4.15, the scree		2.95 a piece and th	ne case was \$5.95. I	re. The charger cost f she paid with a	