Determining Change - Multiple Costs , Multiple Items Name:

Soly	ve each problem	Answors
1)	Paul bought 1 cup, 3 plates and 1 bowl at a store. The cup cost \$1.95, the plates cost \$1.95	Answers
	a piece and the bowl was \$3.35. If he paid with a twenty dollar bill, how much change should he get back?	1
		2
2)	Emily bought 1 book, 3 bookmarks and 1 poster at the school book fair. The book cost \$3.40, the bookmarks cost \$4.10 a piece and the poster was \$0.90. If she paid with a twenty dollar bill, how much change should she get back?	3.
		4
3)	Ned bought 2 board games, 2 toy cars and 1 action figure at the toy store. The board games cost \$4.80 each, the toy cars cost \$4.15 a piece and the action figure was \$1.80. If he paid with a twenty dollar bill, how much change should he get back?	5
		6
		7.
4)	Carol bought 2 sodas, 1 hotdog and 2 hats at the baseball game. The sodas cost \$5.45 each, the hotdog cost \$1.60 and the hats were each \$3.50. If she paid with a twenty dollar bill, how much change should she get back?	
		8
5)	Fave bought 3 boxes of chocolate. 3 bags of candy and 2 large lollipops at the candy store.	9
	The boxes of chocolate cost \$2.40 each, the bags of candy cost \$2.20 a piece and the large lollipops were each \$3.05. If she paid with a twenty dollar bill, how much change should she get back?	
6)	Henry bought 3 pineapples, 1 bag of cherries and 1 watermelon at a fruit stand. The	
	pineapples cost \$2.20 each, the bag of cherries cost \$1.20 and the watermelon was \$2.30. If he paid with a twenty dollar bill, how much change should he get back?	
7)	Gwen bought 2 hamburgers, 2 hotdogs and 1 soda at the state fair. The hamburgers cost \$3.00 each, the hotdogs cost \$0.75 a piece and the soda was \$2.75. If she paid with a	
	twenty dollar bill, how much change should she get back?	
<b>Q</b> )	Dave bought 3 muffing 1 brownie and 3 cookies at a bake sale. The muffing cost $0.90$	
0)	each, the brownie cost \$0.60 and the cookies were each \$1.25. If he paid with a twenty dollar hill, how much shange should be get heat?	
	donar om, now much change should ne get back?	
9)	Amy bought 3 cans of cheese dip, 1 bag of chips and 3 sodas at the grocery store. The cans	
	of cheese dip cost \$3.75 each, the bag of chips cost \$1.70 and the sodas were each \$1.60. If she paid with a twenty dollar bill, how much change should she get back?	

Math

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

Solv		Answers	
1)	Paul bought 1 cup, 3 plates and 1 bowl at a store. The cup cost \$1.95, the plates cost \$1.95 a piece and the bowl was \$3.35. If he paid with a twenty dollar bill, how much change should he get back?	<sup>1.</sup> _	\$8.85
	$(1.95 \times 1 = 1.95) + (1.95 \times 3 = 5.85) + (3.35 \times 1 = 3.35) = 11.15$	2	\$3.40
2)	Emily bought 1 book, 3 bookmarks and 1 poster at the school book fair. The book cost \$3.40, the bookmarks cost \$4.10 a piece and the poster was \$0.90. If she paid with a twenty	3	\$0.30
	dollar bill, how much change should she get back? $(3.40 \times 1=3.40)+(4.10 \times 3=12.30)+(0.90 \times 1=0.90)=16.60$	4	\$0.50
3)	Ned bought 2 board games, 2 toy cars and 1 action figure at the toy store. The board games		\$0.10
	cost \$4.80 each, the toy cars cost \$4.15 a piece and the action figure was \$1.80. If he paid with a twenty dollar bill, how much change should he get back? $(4.80\times2=9.60)+(4.15\times2=8.30)+(1.80\times1=1.80)=19.70$	6	<b>\$9.90</b>
4)	Carol bought 2 sodas 1 hotdog and 2 hats at the baseball game. The sodas cost \$5.45 eac	7	<b>\$9.75</b>
- )	the hotdog cost \$1.60 and the hats were each \$3.50. If she paid with a twenty dollar bill, how much change should she get back?	8	\$13.25
	$(5.45 \times 2 = 10.90) + (1.60 \times 1 = 1.60) + (3.50 \times 2 = 7.00) = 19.50$	9	\$2.25
5)	Faye bought 3 boxes of chocolate, 3 bags of candy and 2 large lollipops at the candy store. The boxes of chocolate cost \$2.40 each, the bags of candy cost \$2.20 a piece and the large lollipops were each \$3.05. If she paid with a twenty dollar bill, how much change should she get back? ( $2.40 \times 3=7.20$ )+( $2.20 \times 3=6.60$ )+( $3.05 \times 2=6.10$ )=19.90		
6)	Henry bought 3 pineapples, 1 bag of cherries and 1 watermelon at a fruit stand. The pineapples cost \$2.20 each, the bag of cherries cost \$1.20 and the watermelon was \$2.30. If he paid with a twenty dollar bill, how much change should he get back? $(2.20\times3=6.60)+(1.20\times1=1.20)+(2.30\times1=2.30)=10.10$		
7)	Gwen bought 2 hamburgers, 2 hotdogs and 1 soda at the state fair. The hamburgers cost \$3.00 each, the hotdogs cost \$0.75 a piece and the soda was \$2.75. If she paid with a twenty dollar bill, how much change should she get back? $(3.00\times2=6.00)+(0.75\times2=1.50)+(2.75\times1=2.75)=10.25$		
8)	Dave bought 3 muffins, 1 brownie and 3 cookies at a bake sale. The muffins cost \$0.80 each, the brownie cost \$0.60 and the cookies were each \$1.25. If he paid with a twenty dollar bill, how much change should he get back? $(0.80\times3=2.40)+(0.60\times1=0.60)+(1.25\times3=3.75)=6.75$		
<b>9</b> )	Amy bought 3 cans of cheese dip, 1 bag of chips and 3 sodas at the grocery store. The cans of cheese dip cost \$3.75 each, the bag of chips cost \$1.70 and the sodas were each \$1.60. If she paid with a twenty dollar bill, how much change should she get back? $(3.75\times3=11.25)+(1.70\times1=1.70)+(1.60\times3=4.80)=17.75$		

Math

	Dete	rmining Change	e - Multiple Cos	sts, Multiple Iter	ns Name:	
Solv	e each problem.	Answers				
	\$0.10 \$0.30	\$2.25 \$9.75	\$8.85 \$0.50	\$13.25 \$3.40	\$9.90	1
1)	Paul bought 1 cu a piece and the b should he get ba	up, 3 plates and 1 b bowl was \$3.35. If ck?	bowl at a store. The paid with a two	e cup cost \$1.95, th enty dollar bill, how	e plates cost \$1.95 v much change	2 3
2)	Emily bought 1 \$3.40, the bookr dollar bill, how r	4 5				
3)	Ned bought 2 bo cost \$4.80 each, with a twenty do	6.   7.				
4)	Carol bought 2 s the hotdog cost 5 how much chang	8 9				
5)	Faye bought 3 b The boxes of che lollipops were ea she get back?	oxes of chocolate, ocolate cost \$2.40 ach \$3.05. If she p	3 bags of candy a each, the bags of aid with a twenty	nd 2 large lollipops candy cost \$2.20 a dollar bill, how mu	at the candy store. piece and the large ch change should	
6)	Henry bought 3 pineapples cost 5 he paid with a tw	pineapples, 1 bag \$2.20 each, the bag venty dollar bill, h	of cherries and 1 y g of cherries cost 5 ow much change s	watermelon at a frui \$1.20 and the water should he get back?	it stand. The melon was \$2.30. If	
7)	Gwen bought 2 1 \$3.00 each, the f twenty dollar bil	hamburgers, 2 hoto hotdogs cost \$0.75 1, how much chan	dogs and 1 soda at a piece and the so ge should she get	the state fair. The loda was \$2.75. If sh back?	hamburgers cost le paid with a	
8)	Dave bought 3 n each, the browni dollar bill, how n	nuffins, 1 brownie e cost \$0.60 and t much change shou	and 3 cookies at a ne cookies were ea ld he get back?	a bake sale. The mu ach \$1.25. If he paid	ffins cost \$0.80 d with a twenty	
9)	Amy bought 3 c. of cheese dip co she paid with a t	ans of cheese dip, st \$3.75 each, the wenty dollar bill, I	1 bag of chips and bag of chips cost S now much change	1 3 sodas at the groc \$1.70 and the sodas should she get back	cery store. The cans were each \$1.60. If k?	