Determining Change - Multiple Costs , Multiple Items Name:

Solv		Answers	
1)	Debby bought 1 can of cheese dip, 2 sodas and 3 bags of chips at the grocery store. The can of cheese dip cost \$3.25, the sodas cost \$2.05 a piece and the bags of chips were each \$1.80. If she paid with a twenty dollar bill, how much change should she get back?	1	
2)	Olivia bought 1 charger, 1 case and 1 screen protector at the phone store. The charger cost \$4.00, the case cost \$2.25 and the screen protector was \$5.25. If she paid with a twenty dollar bill, how much change should she get back?	2 3 4	
3)	Vanessa bought 1 hard cover book, 1 bookmark and 1 soft back book at the book store. The hard cover book cost \$5.85, the bookmark cost \$3.95 and the soft back book was \$1.45. If she paid with a twenty dollar bill, how much change should she get back?	5	
4)	George bought 1 brownie, 2 muffins and 3 cookies at a bake sale. The brownie cost \$0.65, the muffins cost \$1.15 a piece and the cookies were each \$1.65. If he paid with a twenty dollar bill, how much change should he get back?	7	
5)	Janet bought 1 hotdog, 2 sodas and 3 hats at the baseball game. The hotdog cost \$5.00, the sodas cost \$2.55 a piece and the hats were each \$2.45. If she paid with a twenty dollar bill, how much change should she get back?	9	
6)	Dave bought 1 hoodie, 1 jacket and 1 T-shirt at the clothing store. The hoodie cost \$4.40, the jacket cost \$5.55 and the T-shirt was \$7.10. If he paid with a twenty dollar bill, how much change should he get back?		
7)	Sam bought 3 wrenches, 1 screw driver and 1 hammer at a hardware store. The wrenches cost \$5.55 each, the screw driver cost \$1.00 and the hammer was \$0.90. If he paid with a twenty dollar bill, how much change should he get back?		
8)	John bought 3 pineapples, 1 watermelon and 2 bags of cherries at a fruit stand. The pineapples cost \$2.15 each, the watermelon cost \$1.45 and the bags of cherries were each \$2.30. If he paid with a twenty dollar bill, how much change should he get back?		
9)	Bianca bought 2 sodas, 3 hotdogs and 3 hamburgers at the state fair. The sodas cost \$3.00 each, the hotdogs cost \$1.50 a piece and the hamburgers were each \$1.70. 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

	Determining Change - Multiple Costs, Multiple Items Name: An		er Key
Solv	ze each problem.		Answers
1)	Debby bought 1 can of cheese dip, 2 sodas and 3 bags of chips at the grocery store. The can of cheese dip cost \$3.25, the sodas cost \$2.05 a piece and the bags of chips were each	1	\$7.25
	\$1.80. If she paid with a twenty dollar bill, how much change should she get back? $(3.25\times1=3.25)+(2.05\times2=4.10)+(1.80\times3=5.40)=12.75$	2	\$8.50
2)	Olivia bought 1 charger, 1 case and 1 screen protector at the phone store. The charger cost \$4.00, the case cost \$2.25 and the screen protector was \$5.25. If she paid with a twenty		\$8.75
	dollar bill, how much change should she get back? $(4.00 \times 1=4.00)+(2.25 \times 1=2.25)+(5.25 \times 1=5.25)=11.50$	4	\$12.10
3)	Vanessa bought 1 hard cover book, 1 bookmark and 1 soft back book at the book store. The hard cover book cost \$5.85, the bookmark cost \$3.95 and the soft back book was \$1.45. If she paid with a twenty dollar bill, how much change should she get back? $(5.85 \times 1=5.85)+(3.95 \times 1=3.95)+(1.45 \times 1=1.45)=11.25$	5	\$2.55
		6	\$2.95
4)	George bought 1 brownie, 2 muffins and 3 cookies at a bake sale. The brownie cost \$0.65, the muffins cost \$1.15 a piece and the cookies were each \$1.65. If he paid with a twenty dollar bill, how much change should he get back? $(0.65 \times 1=0.65)+(1.15 \times 2=2.30)+(1.65 \times 3=4.95)=7.90$	7	\$1.45
		<sup>8.</sup> _	\$7.50
5)	Janet bought 1 hotdog, 2 sodas and 3 hats at the baseball game. The hotdog cost \$5.00, the sodas cost \$2.55 a piece and the hats were each \$2.45. If she paid with a twenty dollar bill, how much change should she get back? $(5.00 \times 1=5.00)+(2.55 \times 2=5.10)+(2.45 \times 3=7.35)=17.45$	9	\$4.40
6)	Dave bought 1 hoodie, 1 jacket and 1 T-shirt at the clothing store. The hoodie cost \$4.40, the jacket cost \$5.55 and the T-shirt was \$7.10. If he paid with a twenty dollar bill, how much change should he get back? $(4.40 \times 1=4.40)+(5.55 \times 1=5.55)+(7.10 \times 1=7.10)=17.05$		
7)	Sam bought 3 wrenches, 1 screw driver and 1 hammer at a hardware store. The wrenches cost \$5.55 each, the screw driver cost \$1.00 and the hammer was \$0.90. If he paid with a twenty dollar bill, how much change should he get back? ( $5.55 \times 3 = 16.65$ )+( $1.00 \times 1 = 1.00$ )+( $0.90 \times 1 = 0.90$ )=18.55		
<b>B</b> )	John bought 3 pineapples, 1 watermelon and 2 bags of cherries at a fruit stand. The pineapples cost \$2.15 each, the watermelon cost \$1.45 and the bags of cherries were each \$2.30. If he paid with a twenty dollar bill, how much change should he get back? $(2.15 \times 3=6.45)+(1.45 \times 1=1.45)+(2.30 \times 2=4.60)=12.50$		
9)	Bianca bought 2 sodas, 3 hotdogs and 3 hamburgers at the state fair. The sodas cost \$3.00 each, the hotdogs cost \$1.50 a piece and the hamburgers were each \$1.70. If she paid with a twenty dollar bill, how much change should she get back? $(3.00 \times 2=6.00)+(1.50 \times 3=4.50)+(1.70 \times 3=5.10)=15.60$		

		Determining Change - Multiple Costs , Multiple Items Name:									
Sol	Answers										
	\$7.25	\$2.95	\$8.50	\$7.50	\$12.10						
	\$4.40	\$1.45	\$8.75	\$2.55		1					
1)	of cheese dip co	can of cheese dip, st \$3.25, the sodas d with a twenty do	cost \$2.05 a piece	e and the bags of c	- 1	23					
2)		re. The charger cost iid with a twenty	4								
3)	0	at the book store. The book was \$1.45. If ck?	6 7								
4)		brownie cost \$0.65, baid with a twenty	8								
5)	sodas cost \$2.55	•	ats were each \$2.4	U	tdog cost \$5.00, the a twenty dollar bill,						
6)	the jacket cost \$	noodie, 1 jacket and 5.55 and the T-shi ould he get back?		-	hoodie cost \$4.40, y dollar bill, how						
7)	cost \$5.55 each,		ost \$1.00 and the	hammer was \$0.90	ore. The wrenches ). If he paid with a						
8)	pineapples cost	ineapples, 1 water \$2.15 each, the wa l with a twenty dol	termelon cost \$1.4	15 and the bags of	cherries were each						
9)	each, the hotdog	-	e and the hamburg	gers were each \$1.	he sodas cost \$3.00 70. If she paid with						