Determining Change - Multiple Costs, Multiple Items Name:

Soly	ve each problem.		Answers
		Answers	
1)	Katie bought 1 soda, 3 bags of chips and 3 cans of cheese dip at the grocery store. The soda cost \$3.85, the bags of chips cost \$2.10 a piece and the cans of cheese dip were each \$1.80. If she paid with a twenty dollar hill, how much shange should she get healt?	1	
	If she paid with a twenty dollar bill, how much change should she get back?	2	
2)	Isabel bought 1 hat, 1 hotdog and 2 sodas at the baseball game. The hat cost \$5.85, the hotdog cost \$2.20 and the sodas were each \$1.20. If she paid with a twenty dollar bill, how	3	
	much change should she get back?		
3)	Carol bought 2 bookmarks, 1 book and 2 posters at the school book fair. The bookmarks cost \$3.45 each, the book cost \$4.05 and the posters were each \$1.30. If she paid with a twenty dollar bill, how much change should she get back?	5	
		6	
4)	John bought 3 cookies, 3 muffins and 2 brownies at a bake sale. The cookies cost \$1.15	7	
	each, the muffins cost \$1.10 a piece and the brownies were each \$1.10. If he paid with a twenty dollar bill, how much change should he get back?	8	
		9.	
5)	Amy bought 1 box of candy canes, 3 boxes of ornaments and 2 gift bags at the Santa Store. The box of candy canes cost \$5.65, the boxes of ornaments cost \$1.15 a piece and the gift bags were each \$2.80. If she paid with a twenty dollar bill, how much change should she get back?	–	
6)	Frank bought 1 board game, 1 toy car and 1 action figure at the toy store. The board game cost \$5.95, the toy car cost \$3.30 and the action figure was \$1.85. If he paid with a twenty dollar bill, how much change should he get back?		
7)	Kaleb bought 3 plates, 3 cups and 1 bowl at a store. The plates cost \$2.55 each, the cups cost \$2.15 a piece and the bowl was \$2.75. If he paid with a twenty dollar bill, how much change should he get back?		
8)	Janet bought 2 pencils, 2 pens and 3 erasers at the school shop. The pencils cost \$0.70 each, the pens cost \$1.45 a piece and the erasers were each \$0.95. If she paid with a twenty dollar bill, how much change should she get back?		
9)	Rachel bought 2 bookmarks, 2 hard cover books and 1 soft back book at the book store. The bookmarks cost \$5.15 each, the hard cover books cost \$3.05 a piece and the soft back book was \$1.15. If she paid with a twenty dollar bill, how much change should she get back?		

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

	Determining Change - Multiple Costs, Multiple Items Name: An	SW	er Key
Sol		<u>Answers</u>	
1)	Katie bought 1 soda, 3 bags of chips and 3 cans of cheese dip at the grocery store. The soda cost \$3.85, the bags of chips cost \$2.10 a piece and the cans of cheese dip were each \$1.80. If she paid with a twenty dollar bill, how much change should she get back?		\$4.45
	$(3.85 \times 1 = 3.85) + (2.10 \times 3 = 6.30) + (1.80 \times 3 = 5.40) = 15.55$	2	\$9.55
2)	Isabel bought 1 hat, 1 hotdog and 2 sodas at the baseball game. The hat cost \$5.85, the hotdog cost \$2.20 and the sodas were each \$1.20. If she paid with a twenty dollar bill, how much change should she get back? ($5.85 \times 1=5.85$)+($2.20 \times 1=2.20$)+($1.20 \times 2=2.40$)=10.45	3	\$6.45
		4	\$11.05
3)	Carol bought 2 bookmarks, 1 book and 2 posters at the school book fair. The bookmarks cost \$3.45 each, the book cost \$4.05 and the posters were each \$1.30. If she paid with a twenty dollar bill, how much change should she get back? $(3.45\times2=6.90)+(4.05\times1=4.05)+(1.30\times2=2.60)=13.55$	5	\$5.30
		6	\$8.90
4)	John bought 3 cookies, 3 muffins and 2 brownies at a bake sale. The cookies cost \$1.15 each, the muffins cost \$1.10 a piece and the brownies were each \$1.10. If he paid with a twenty dollar bill, how much change should he get back? ($1.15 \times 3=3.45$)+($1.10 \times 3=3.30$)+($1.10 \times 2=2.20$)=8.95	7	\$3.15
		8	\$12.85
		9.	\$2.45
5)	Amy bought 1 box of candy canes, 3 boxes of ornaments and 2 gift bags at the Santa Store. The box of candy canes cost \$5.65, the boxes of ornaments cost \$1.15 a piece and the gift bags were each \$2.80. If she paid with a twenty dollar bill, how much change should she get back? ($5.65 \times 1=5.65$)+($1.15 \times 3=3.45$)+($2.80 \times 2=5.60$)=14.70		
6)	Frank bought 1 board game, 1 toy car and 1 action figure at the toy store. The board game cost \$5.95, the toy car cost \$3.30 and the action figure was \$1.85. If he paid with a twenty dollar bill, how much change should he get back? ($5.95 \times 1=5.95$)+($3.30 \times 1=3.30$)+($1.85 \times 1=1.85$)=11.10		

- 7) Kaleb bought 3 plates, 3 cups and 1 bowl at a store. The plates cost \$2.55 each, the cups cost \$2.15 a piece and the bowl was \$2.75. If he paid with a twenty dollar bill, how much change should he get back?
 (2.55×3=7.65)+(2.15×3=6.45)+(2.75×1=2.75)=16.85
- 8) Janet bought 2 pencils, 2 pens and 3 erasers at the school shop. The pencils cost \$0.70 each, the pens cost \$1.45 a piece and the erasers were each \$0.95. If she paid with a twenty dollar bill, how much change should she get back?
 (0.70×2=1.40)+(1.45×2=2.90)+(0.95×3=2.85)=7.15
- **9)** Rachel bought 2 bookmarks, 2 hard cover books and 1 soft back book at the book store. The bookmarks cost \$5.15 each, the hard cover books cost \$3.05 a piece and the soft back book was \$1.15. If she paid with a twenty dollar bill, how much change should she get back?

 $(5.15 \times 2 = 10.30) + (3.05 \times 2 = 6.10) + (1.15 \times 1 = 1.15) = 17.55$

	Det	termining Chang	e - Multiple Cos	ts , Multiple Iten	ns Name:	
Solv	Answers					
\bigcap	\$11.05	\$6.45	\$2.45	\$8.90	\$9.55	
	\$12.85	\$4.45	\$5.30	\$3.15		1
1)	Katie bought 1 cost \$3.85, the If she paid wit	2 3				
2)	hotdog cost \$2	1 hat, 1 hotdog and 2.20 and the sodas w should she get back?	ere each \$1.20. If s			4 5
3)	cost \$3.45 each	2 bookmarks, 1 bool h, the book cost \$4.0 pill, how much chan	05 and the posters v	were each \$1.30. If		6. 7.
4)	each, the muff	cookies, 3 muffins ins cost \$1.10 a piec pill, how much chan	ce and the brownies	s were each \$1.10. I		8. 9.
5)	The box of car	box of candy canes ady canes cost \$5.65 a \$2.80. If she paid	, the boxes of orna	ments cost \$1.15 a	piece and the gift	
6)	cost \$5.95, the	l board game, 1 toy toy car cost \$3.30 a v much change shou	and the action figur	•	U U	
7)	-	3 plates, 3 cups and ece and the bowl wa he get back?		-	- 1	
8)	each, the pens	pencils, 2 pens and cost \$1.45 a piece a v much change shou	nd the erasers were			
9)	The bookmark	2 bookmarks, 2 har s cost \$5.15 each, tl 5. If she paid with a	ne hard cover book	s cost \$3.05 a piece	and the soft back	

