## Determining Change - Multiple Costs , Multiple Items Name:

	Determining Change - Multiple Costs , Multiple Items Name:		
Solv	e each problem.		Answers
1)	Tom bought 1 soda, 2 boxes of candy and 2 bags of popcorn at the theater. The soda cost \$2.00, the boxes of candy cost \$3.20 a piece and the bags of popcorn were each \$4.00. If he paid with a twenty dollar bill, how much change should he get back?	1.	
2)	Sarah bought 1 soda, 2 cans of cheese dip and 2 bags of chips at the grocery store. The soda cost \$1.45, the cans of cheese dip cost \$1.80 a piece and the bags of chips were each \$2.50. If she paid with a twenty dollar bill, how much change should she get back?	2. 3.	
3)	Adam bought 1 jacket, 1 T-shirt and 1 hoodie at the clothing store. The jacket cost \$7.65, the T-shirt cost \$4.25 and the hoodie was \$6.55. If he paid with a twenty dollar bill, how much change should he get back?	4. 5.	
4)	Sam bought 3 cups, 1 bowl and 1 plate at a store. The cups cost \$2.75 each, the bowl cost \$3.70 and the plate was \$2.00. If he paid with a twenty dollar bill, how much change should he get back?	6. 7.	
5)	Lana bought 2 soft back books, 1 hard cover book and 1 bookmark at the book store. The soft back books cost \$2.15 each, the hard cover book cost \$5.95 and the bookmark was \$0.70. If she paid with a twenty dollar bill, how much change should she get back?	8. 9.	
6)	Olivia bought 1 bag of candy, 2 boxes of chocolate and 2 large lollipops at the candy store. The bag of candy cost \$3.50, the boxes of chocolate cost \$3.10 a piece and the large lollipops were each \$2.00. If she paid with a twenty dollar bill, how much change should she get back?	10.	
7)	Katie bought 1 book, 3 posters and 2 bookmarks at the school book fair. The book cost \$3.85, the posters cost \$3.15 a piece and the bookmarks were each \$1.10. If she paid with a twenty dollar bill, how much change should she get back?		
8)	Isabel bought 2 screen protectors, 1 charger and 1 case at the phone store. The screen protectors cost \$2.60 each, the charger cost \$6.10 and the case was \$4.45. If she paid with a twenty dollar bill, how much change should she get back?		
<b>9</b> )	Debby bought 2 hamburgers, 2 sodas and 2 hotdogs at the state fair. The hamburgers cost \$1.30 each, the sodas cost \$1.90 a piece and the hotdogs were each \$0.85. If she paid with a twenty dollar bill, how much change should she get back?		
10)	Faye bought 1 hat, 3 hotdogs and 2 sodas at the baseball game. The hat cost \$5.60, the hotdogs cost \$2.65 a piece and the sodas were each \$2.85. If she paid with a twenty dollar bill, how much change should she get back?		

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

			·
Solve each problem.			<u>Answers</u>
1)	Tom bought 1 soda, 2 boxes of candy and 2 bags of popcorn at the theater. The soda cost \$2.00, the boxes of candy cost \$3.20 a piece and the bags of popcorn were each \$4.00. If he paid with a twenty dollar bill, how much change should be get back?	1.	\$3.60
	$(2.00 \times 1=2.00) + (3.20 \times 2=6.40) + (4.00 \times 2=8.00) = 16.40$	2.	<b>\$9.95</b>
2)	Sarah bought 1 soda, 2 cans of cheese dip and 2 bags of chips at the grocery store. The soda cost \$1.45, the cans of cheese dip cost \$1.80 a piece and the bags of chips were each \$2.50. If she paid with a twenty dollar bill, how much change should she get back? ( $1.45 \times 1-1.45$ )+ ( $1.80 \times 2-3.60$ )+ ( $2.50 \times 2-5.00$ )= 10.05	3.	\$1.55
	(1.45×1=1.45)+ (1.60×2=5.00)+ (2.50×2=5.00)= 10.05	4.	\$6.05
3)	Adam bought 1 jacket, 1 T-shirt and 1 hoodie at the clothing store. The jacket cost \$7.65, the T-shirt cost \$4.25 and the hoodie was \$6.55. If he paid with a twenty dollar bill, how much change should he get back?	5.	<b>\$9.05</b>
	$(7.65 \times 1 = 7.65) + (4.25 \times 1 = 4.25) + (6.55 \times 1 = 6.55) = 18.45$	6.	\$6.30
4)	Sam bought 3 cups, 1 bowl and 1 plate at a store. The cups cost \$2.75 each, the bowl cost \$3.70 and the plate was \$2.00. If he paid with a twenty dollar bill, how much change should he get back?	7.	\$4.50
	$(2.75 \times 3 = 8.25) + (3.70 \times 1 = 3.70) + (2.00 \times 1 = 2.00) = 13.95$	Q	\$4.25
5)	Lana bought 2 soft back books, 1 hard cover book and 1 bookmark at the book store. The soft back books cost \$2.15 each, the hard cover book cost \$5.95 and the bookmark was \$0.70. If she paid with a twenty dollar bill, how much change should she get back?	9.	\$11.90
	$(2.15 \times 2=4.30) + (5.95 \times 1=5.95) + (0.70 \times 1=0.70) = 10.95$	10	\$0.75
6)	Olivia bought 1 bag of candy, 2 boxes of chocolate and 2 large lollipops at the candy store. The bag of candy cost \$3.50, the boxes of chocolate cost \$3.10 a piece and the large lollipops were each \$2.00. If she paid with a twenty dollar bill, how much change should she get back? $(3.50\times1=3.50)+(3.10\times2=6.20)+(2.00\times2=4.00)=13.70$	10.	<b><i>\\</i></b>
7)	Katie bought 1 book, 3 posters and 2 bookmarks at the school book fair. The book cost \$3.85, the posters cost \$3.15 a piece and the bookmarks were each \$1.10. If she paid with a twenty dollar bill, how much change should she get back? $(3.85 \times 1=3.85) + (3.15 \times 3=9.45) + (1.10 \times 2=2.20) = 15.50$		
8)	Isabel bought 2 screen protectors, 1 charger and 1 case at the phone store. The screen protectors cost \$2.60 each, the charger cost \$6.10 and the case was \$4.45. If she paid with a twenty dollar bill, how much change should she get back? ( $2.60 \times 2=5.20$ )+ ( $6.10 \times 1=6.10$ )+ ( $4.45 \times 1=4.45$ )= 15.75		
9)	Debby bought 2 hamburgers, 2 sodas and 2 hotdogs at the state fair. The hamburgers cost \$1.30 each, the sodas cost \$1.90 a piece and the hotdogs were each \$0.85. If she paid with a twenty dollar bill, how much change should she get back? ( $1.30 \times 2=2.60$ )+ ( $1.90 \times 2=3.80$ )+ ( $0.85 \times 2=1.70$ )= 8.10		
10)	Faye bought 1 hat, 3 hotdogs and 2 sodas at the baseball game. The hat cost \$5.60, the hotdogs cost \$2.65 a piece and the sodas were each \$2.85. If she paid with a twenty dollar bill, how much change should she get back?		

(5.60×1=5.60)+ (2.65×3=7.95)+ (2.85×2=5.70)= 19.25

e each problei	n.				Answer
\$4.50	\$11.90	\$4.25	\$0.75	\$3.60	1
\$9.95	\$1.55	\$6.05	\$6.30	\$9.05	2
Tom bought 1 \$2.00, the boxe paid with a twe	soda, 2 boxes of can es of candy cost \$3.2 enty dollar bill, how	dy and 2 bags of po 0 a piece and the ba nuch change should	pcorn at the theater. ags of popcorn were d he get back?	The soda cost each \$4.00. If he	3.     4.
Sarah bought 1 cost \$1.45, the she paid with a	soda, 2 cans of chee cans of cheese dip co twenty dollar bill, h	ese dip and 2 bags o ost \$1.80 a piece an ow much change sh	f chips at the grocer d the bags of chips v ould she get back?	y store. The soda were each \$2.50. If	5 6
Adam bought T-shirt cost \$4 change should	7				
Sam bought 3 \$3.70 and the p he get back?	cups, 1 bowl and 1 p plate was \$2.00. If he	ate at a store. The c paid with a twenty	cups cost \$2.75 each dollar bill, how muc	, the bowl cost ch change should	8 9
Lana bought 2 back books cos she paid with a	soft back books, 1 h st \$2.15 each, the har twenty dollar bill, h	ard cover book and d cover book cost \$ ow much change sh	1 bookmark at the b 5.95 and the bookm ould she get back?	ook store. The soft ark was \$0.70. If	10
Olivia bought The bag of can were each \$2.0	l bag of candy, 2 box dy cost \$3.50, the bo 0. If she paid with a	tes of chocolate and xes of chocolate co twenty dollar bill, h	1 2 large lollipops at st \$3.10 a piece and now much change sh	the candy store. the large lollipops ould she get back?	
Katie bought 1 the posters cos dollar bill, how	book, 3 posters and t \$3.15 a piece and th much change should	2 bookmarks at the te bookmarks were d she get back?	school book fair. Th each \$1.10. If she pa	ne book cost \$3.85, aid with a twenty	
Isabel bought 2 protectors cost twenty dollar b	2 screen protectors, 1 \$2.60 each, the char ill, how much chang	charger and 1 case ger cost \$6.10 and t e should she get bac	at the phone store. The case was \$4.45. It ck?	The screen If she paid with a	
Debby bought \$1.30 each, the twenty dollar b	2 hamburgers, 2 soda sodas cost \$1.90 a p ill, how much chang	as and 2 hotdogs at viece and the hotdog e should she get bac	the state fair. The ha gs were each \$0.85. I ck?	amburgers cost If she paid with a	
Faye bought 1 hotdogs cost \$2 how much cha	hat, 3 hotdogs and 2 2.65 a piece and the s nge should she get ba	sodas at the baseba sodas were each \$2. ack?	ll game. The hat cos 85. If she paid with	at \$5.60, the a twenty dollar bill,	

## Determining Change - Multiple Costs , Multiple Items

Math

1-10 90 80 70 60 50 40 30 20 10 0