Determining Change - Multiple Costs, Multiple Items Name:

Solv	ve each problem.	<u>Answers</u>
1)	Sarah bought 1 box of ornaments, 1 gift bag and 3 boxes of candy canes at the Santa Store. The box of ornaments cost \$6.80, the gift bag cost \$2.15 and the boxes of candy canes were each \$2.55. If she paid with a twenty dollar bill, how much change should she get back?	1
2)	Ned bought 2 soccer balls, 1 baseball and 1 football at the sports store. The soccer balls cost \$3.65 each, the baseball cost \$1.85 and the football was \$0.05. If he paid with a twenty dollar bill, how much change should he get back?	2 3 4.
3)	Bianca bought 1 soda, 3 cans of cheese dip and 2 bags of chips at the grocery store. The soda cost \$2.05, the cans of cheese dip cost \$3.35 a piece and the bags of chips were each \$1.70. If she paid with a twenty dollar bill, how much change should she get back?	5. 6.
4)	Kaleb bought 1 watermelon, 1 pineapple and 1 bag of cherries at a fruit stand. The watermelon cost \$2.50, the pineapple cost \$0.50 and the bag of cherries was \$2.80. If he paid with a twenty dollar bill, how much change should he get back?	7. 8.
5)	Adam bought 1 muffin, 3 brownies and 2 cookies at a bake sale. The muffin cost \$1.05, the brownies cost \$0.85 a piece and the cookies were each \$1.50. If he paid with a twenty dollar bill, how much change should he get back?	9
6)	Olivia bought 1 bookmark, 2 hard cover books and 2 soft back books at the book store. The bookmark cost \$5.80, the hard cover books cost \$2.35 a piece and the soft back books were each \$1.15. If she paid with a twenty dollar bill, how much change should she get back?	
7)	Sam bought 1 box of candy, 1 soda and 2 bags of popcorn at the theater. The box of candy cost \$7.30, the soda cost \$1.65 and the bags of popcorn were each \$2.80. If he paid with a twenty dollar bill, how much change should he get back?	
8)	Amy bought 2 hats, 3 hotdogs and 1 soda at the baseball game. The hats cost \$4.95 each, the hotdogs cost \$2.20 a piece and the soda was \$1.25. If she paid with a twenty dollar bill, how much change should she get back?	
9)	Paul bought 2 hammers, 3 wrenches and 1 screw driver at a hardware store. The hammers cost \$6.00 each, the wrenches cost \$0.55 a piece and the screw driver was \$0.75. If he paid with a twenty dollar bill, how much change should he get back?	

Math

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

Solv		Answers	
1)	Sarah bought 1 box of ornaments, 1 gift bag and 3 boxes of candy canes at the Santa Store. The box of ornaments cost \$6.80, the gift bag cost \$2.15 and the boxes of candy canes were	1	\$3.40
	each \$2.55. If she paid with a twenty dollar bill, how much change should she get back? $(6.80 \times 1=6.80)+(2.15 \times 1=2.15)+(2.55 \times 3=7.65)=16.60$	2	\$10.80
2)	Ned bought 2 soccer balls, 1 baseball and 1 football at the sports store. The soccer balls cost \$3.65 each, the baseball cost \$1.85 and the football was \$0.05. If he paid with a twenty	3	\$4.50
	dollar bill, how much change should he get back? $(3.65 \times 2 = 7.30) + (1.85 \times 1 = 1.85) + (0.05 \times 1 = 0.05) = 9.20$	4	\$14.20
sod \$1.	anca bought 1 soda, 3 cans of cheese dip and 2 bags of chips at the grocery store. The	5	\$13.40
	soda cost \$2.05, the cans of cheese dip cost \$3.35 a piece and the bags of chips were each \$1.70. If she paid with a twenty dollar bill, how much change should she get back? $(2.05 \times 1=2.05)+(3.35 \times 3=10.05)+(1.70 \times 2=3.40)=15.50$	6	\$7.20
4) Kaleb bou watermelo paid with	ought 1 watermelon, 1 pineapple and 1 bag of cherries at a fruit stand. The	7	\$5.45
	watermelon cost \$2.50, the pineapple cost \$0.50 and the bag of cherries was \$2.80. If he paid with a twenty dollar bill, how much change should he get back? $(2.50\times1-2.50)\times(0.50\times1-0.50)\times(2.80\times1-2.80)=5.80$	8	\$2.25
5)	(2.50×1=2.50)+(0.50×1=0.50)+(2.80×1=2.80)=5.80 Adam bought 1 muffin, 3 brownies and 2 cookies at a bake sale. The muffin cost \$1.05, the	9	\$5.60
.,	brownies cost \$0.85 a piece and the cookies were each \$1.50. If he paid with a twenty dollar bill, how much change should he get back? $(1.05 \times 1=1.05)+(0.85 \times 3=2.55)+(1.50 \times 2=3.00)=6.60$		
6)	Olivia bought 1 bookmark, 2 hard cover books and 2 soft back books at the book store. The bookmark cost \$5.80, the hard cover books cost \$2.35 a piece and the soft back books were each \$1.15. If she paid with a twenty dollar bill, how much change should she get back? $(5.80 \times 1=5.80)+(2.35 \times 2=4.70)+(1.15 \times 2=2.30)=12.80$		
7)	Sam bought 1 box of candy, 1 soda and 2 bags of popcorn at the theater. The box of candy cost \$7.30, the soda cost \$1.65 and the bags of popcorn were each \$2.80. If he paid with a twenty dollar bill, how much change should he get back? $(7.30 \times 1=7.30)+(1.65 \times 1=1.65)+(2.80 \times 2=5.60)=14.55$		
8)	Amy bought 2 hats, 3 hotdogs and 1 soda at the baseball game. The hats cost \$4.95 each, the hotdogs cost \$2.20 a piece and the soda was \$1.25. If she paid with a twenty dollar bill, how much change should she get back? $(4.95 \times 2=9.90)+(2.20 \times 3=6.60)+(1.25 \times 1=1.25)=17.75$		
9)	Paul bought 2 hammers, 3 wrenches and 1 screw driver at a hardware store. The hammers cost \$6.00 each, the wrenches cost \$0.55 a piece and the screw driver was \$0.75. If he paid with a twenty dollar bill, how much change should he get back? ($6.00 \times 2 = 12.00$)+($0.55 \times 3 = 1.65$)+($0.75 \times 1 = 0.75$)=14.40		

Math

4	Det	ermining Change	e - Multiple Cos	ts , Multiple Iter	ns Name:	
Sol	ve each problem	Answers				
	\$7.20 \$5.45	\$13.40 \$3.40	\$5.60 \$14.20	\$10.80 \$2.25	\$4.50	1
1)	Sarah bought 1 The box of orna each \$2.55. If s	2 3				
2)	cost \$3.65 each	occer balls, 1 baseb , the baseball cost S much change shou	\$1.85 and the footh	-	The soccer balls e paid with a twenty	4 5
3)	soda cost \$2.05	1 soda, 3 cans of ch , the cans of cheese id with a twenty do	e dip cost \$3.35 a p	piece and the bags of	of chips were each	6. 7.
4)	watermelon cos	watermelon, 1 pinest \$2.50, the pineap nty dollar bill, how	ple cost \$0.50 and	the bag of cherries		8. 9.
5)	brownies cost \$	muffin, 3 brownie 60.85 a piece and th much change shou	e cookies were ead		uffin cost \$1.05, the with a twenty	
6)	bookmark cost		ver books cost \$2.3	5 a piece and the so	the book store. The oft back books were ald she get back?	
7)	cost \$7.30, the	box of candy, 1 sod soda cost \$1.65 and ill, how much chan	the bags of popco	orn were each \$2.80	-	
8)	the hotdogs cos	hats, 3 hotdogs and at \$2.20 a piece and age should she get b	the soda was \$1.2	-	s cost \$4.95 each, a twenty dollar bill,	
9)	cost \$6.00 each	nammers, 3 wrench , the wrenches cost ollar bill, how muc	\$0.55 a piece and	the screw driver w	ore. The hammers as \$0.75. If he paid	