\Box	Determining Change - Multiple Costs , Multiple Items Name:					
Solve each problem.						
1)	Dave bought 1 poster, 2 used games and 3 strategy guides at the game store. The poster cost \$7.50, the used games cost \$3.45 a piece and the strategy guides were each \$1.40. If he paid with a twenty dollar bill, how much change should he get back?	1				
2)	Nancy bought 2 bags of candy, 3 large lollipops and 1 box of chocolate at the candy store. The bags of candy cost \$3.95 each, the large lollipops cost \$2.90 a piece and the box of	2 3				
	chocolate was \$2.95. If she paid with a twenty dollar bill, how much change should she get back?	4				
3)	Katie bought 3 cans of cheese dip, 1 bag of chips and 2 sodas at the grocery store. The cans of cheese dip cost \$3.10 each, the bag of chips cost \$2.45 and the sodas were each \$1.55. If she paid with a twenty dollar bill, how much change should she get back?	5 6				
4)	Carol bought 2 sodas, 2 hotdogs and 3 hamburgers at the state fair. The sodas cost \$1.55 each, the hotdogs cost \$1.30 a piece and the hamburgers were each \$2.05. If she paid with a twenty dollar bill, how much change should she get back?	7				
5)	Janet bought 2 cases, 1 charger and 1 screen protector at the phone store. The cases cost \$4.05 each, the charger cost \$2.10 and the screen protector was \$6.80. If she paid with a twenty dollar bill, how much change should she get back?	9				
6)	John bought 3 soccer balls, 2 baseballs and 1 football at the sports store. The soccer balls cost \$3.75 each, the baseballs cost \$1.70 a piece and the football was \$0.05. If he paid with a twenty dollar bill, how much change should he get back?					
7)	Oliver bought 2 bags of cherries, 2 pineapples and 2 watermelons at a fruit stand. The bags of cherries cost \$2.20 each, the pineapples cost \$1.85 a piece and the watermelons were each \$2.40. If he paid with a twenty dollar bill, how much change should he get back?					
8)	Emily bought 1 hat, 3 sodas and 3 hotdogs at the baseball game. The hat cost \$5.55, the sodas cost \$2.45 a piece and the hotdogs were each \$1.50. If she paid with a twenty dollar bill, how much change should she get back?					
9)	Frank bought 1 hoodie, 1 T-shirt and 1 jacket at the clothing store. The hoodie cost \$5.05, the T-shirt cost \$5.55 and the jacket was \$7.70. 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

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olv	e each problem.		Answers
l)	Dave bought 1 poster, 2 used games and 3 strategy guides at the game store. The poster cost \$7.50, the used games cost \$3.45 a piece and the strategy guides were each \$1.40. If he		\$1.40
	paid with a twenty dollar bill, how much change should he get back? $(7.50\times1=7.50)+(3.45\times2=6.90)+(1.40\times3=4.20)=18.60$	2	\$0.45
2)	Nancy bought 2 bags of candy, 3 large lollipops and 1 box of chocolate at the candy store. The bags of candy cost \$3.95 each, the large lollipops cost \$2.90 a piece and the box of chocolate was \$2.95. If she paid with a twenty dollar bill, how much change should she get	3	\$5.15
	back? $(3.95 \times 2=7.90)+(2.90 \times 3=8.70)+(2.95 \times 1=2.95)=19.55$	4	\$8.15
3)	Katie bought 3 cans of cheese dip, 1 bag of chips and 2 sodas at the grocery store. The cans of cheese dip cost \$3.10 each, the bag of chips cost \$2.45 and the sodas were each \$1.55. If	5	\$3.00
	she paid with a twenty dollar bill, how much change should she get back? $(3.10\times3=9.30)+(2.45\times1=2.45)+(1.55\times2=3.10)=14.85$	6	\$5.30
4)	Carol bought 2 sodas, 2 hotdogs and 3 hamburgers at the state fair. The sodas cost \$1.55	7	\$7.10
	each, the hotdogs cost \$1.30 a piece and the hamburgers were each \$2.05. If she paid with a twenty dollar bill, how much change should she get back? $(1.55\times2=3.10)+(1.30\times2=2.60)+(2.05\times3=6.15)=11.85$		\$2.60
		9.	\$1.70
)	Janet bought 2 cases, 1 charger and 1 screen protector at the phone store. The cases cost \$4.05 each, the charger cost \$2.10 and the screen protector was \$6.80. If she paid with a twenty dollar bill, how much change should she get back? $(4.05 \times 2=8.10)+(2.10 \times 1=2.10)+(6.80 \times 1=6.80)=17.00$		
)	John bought 3 soccer balls, 2 baseballs and 1 football at the sports store. The soccer balls cost \$3.75 each, the baseballs cost \$1.70 a piece and the football was \$0.05. If he paid with a twenty dollar bill, how much change should he get back? $(3.75\times3=11.25)+(1.70\times2=3.40)+(0.05\times1=0.05)=14.70$		
)	Oliver bought 2 bags of cherries, 2 pineapples and 2 watermelons at a fruit stand. The bags of cherries cost \$2.20 each, the pineapples cost \$1.85 a piece and the watermelons were each \$2.40. If he paid with a twenty dollar bill, how much change should he get back? $(2.20 \times 2=4.40)+(1.85 \times 2=3.70)+(2.40 \times 2=4.80)=12.90$		
)	Emily bought 1 hat, 3 sodas and 3 hotdogs at the baseball game. The hat cost \$5.55, the sodas cost \$2.45 a piece and the hotdogs were each \$1.50. If she paid with a twenty dollar bill, how much change should she get back? ($5.55 \times 1=5.55$)+($2.45 \times 3=7.35$)+($1.50 \times 3=4.50$)=17.40		
)	Frank bought 1 hoodie, 1 T-shirt and 1 jacket at the clothing store. The hoodie cost \$5.05, the T-shirt cost \$5.55 and the jacket was \$7.70. If he paid with a twenty dollar bill, how much change should he get back? $(5.05 \times 1=5.05)+(5.55 \times 1=5.55)+(7.70 \times 1=7.70)=18.30$		

Math

Determining Change - Multiple Costs , Multiple Items Name:										
Sol	ve each problem	Answers								
\square	\$2.60	\$5.30	\$7.10	\$3.00	\$5.15					
	\$1.70	\$0.45	\$8.15	\$1.40		1				
1)	Dave bought 1 j cost \$7.50, the u paid with a twee	2 3								
2)	Nancy bought 2 The bags of can chocolate was \$ back?	4 5								
3)	of cheese dip co	ost \$3.10 each, the	bag of chips cost \$	•	cery store. The cans were each \$1.55. If k?	6. 7.				
4)	Carol bought 2 each, the hotdog a twenty dollar	8. 9.								
5)	\$4.05 each, the		and the screen pro	or at the phone store stector was \$6.80. I back?						
6)	cost \$3.75 each,		\$1.70 a piece and		. The soccer balls).05. If he paid with					
7)	of cherries cost	\$2.20 each, the pir	neapples cost \$1.85	watermelons at a from a from a from a piece and the war much change shoul						
8)	sodas cost \$2.45		otdogs were each \$	eball game. The ha 61.50. If she paid w						
9)	the T-shirt cost		·	clothing store. The paid with a twenty						

Math