- 1) Billy bought 2 muffins, 2 brownies and 3 cookies at a bake sale. The muffins cost \$0.75 each, the brownies cost \$1.05 a piece and the cookies were each \$1.45. If he paid with a twenty dollar bill, how much change should he get back?
- 2) John bought 1 T-shirt, 1 hoodie and 1 jacket at the clothing store. The T-shirt cost \$4.20, the hoodie cost \$5.15 and the jacket was \$7.80. If he paid with a twenty dollar bill, how much change should he get back?
- 3) Paige bought 2 gift bags, 1 box of ornaments and 1 box of candy canes at the Santa Store. The gift bags cost \$7.95 each, the box of ornaments cost \$2.40 and the box of candy canes was \$1.30. If she paid with a twenty dollar bill, how much change should she get back?
- 4) Oliver bought 1 box of candy, 2 bags of popcorn and 2 sodas at the theater. The box of candy cost \$7.15, the bags of popcorn cost \$1.50 a piece and the sodas were each \$2.85. If he paid with a twenty dollar bill, how much change should he get back?
- 5) Emily bought 1 bag of candy, 3 boxes of chocolate and 2 large lollipops at the candy store. The bag of candy cost \$3.30, the boxes of chocolate cost \$2.15 a piece and the large lollipops were each \$3.90. If she paid with a twenty dollar bill, how much change should she get back?
- 6) Gwen bought 2 hard cover books, 2 bookmarks and 2 soft back books at the book store. The hard cover books cost \$5.45 each, the bookmarks cost \$3.35 a piece and the soft back books were each \$1.05. If she paid with a twenty dollar bill, how much change should she get back?
- 7) Vanessa bought 3 cans of cheese dip, 2 sodas and 2 bags of chips at the grocery store. The cans of cheese dip cost \$2.65 each, the sodas cost \$3.55 a piece and the bags of chips were each \$1.45. If she paid with a twenty dollar bill, how much change should she get back?
- 8) Haley bought 2 hotdogs, 1 hat and 2 sodas at the baseball game. The hotdogs cost \$5.50 each, the hat cost \$1.75 and the sodas were each \$2.95. If she paid with a twenty dollar bill, how much change should she get back?
- 9) Cody bought 2 wrenches, 1 screw driver and 2 hammers at a hardware store. The wrenches cost \$6.65 each, the screw driver cost \$0.65 and the hammers were each \$1.10. If he paid with a twenty dollar bill, how much change should he get back?

A	n	S	W	e	r	S

1			
+.			

Э.			

6.			

7.			

8.			



Solve each problem.

- 1) Billy bought 2 muffins, 2 brownies and 3 cookies at a bake sale. The muffins cost \$0.75 each, the brownies cost \$1.05 a piece and the cookies were each \$1.45. If he paid with a twenty dollar bill, how much change should he get back? $(0.75\times2=1.50)+(1.05\times2=2.10)+(1.45\times3=4.35)=7.95$
- John bought 1 T-shirt, 1 hoodie and 1 jacket at the clothing store. The T-shirt cost \$4.20, the hoodie cost \$5.15 and the jacket was \$7.80. If he paid with a twenty dollar bill, how much change should he get back?

 $(4.20 \times 1 = 4.20) + (5.15 \times 1 = 5.15) + (7.80 \times 1 = 7.80) = 17.15$

- 3) Paige bought 2 gift bags, 1 box of ornaments and 1 box of candy canes at the Santa Store. The gift bags cost \$7.95 each, the box of ornaments cost \$2.40 and the box of candy canes was \$1.30. If she paid with a twenty dollar bill, how much change should she get back? $(7.95\times2=15.90)+(2.40\times1=2.40)+(1.30\times1=1.30)=19.60$
- 4) Oliver bought 1 box of candy, 2 bags of popcorn and 2 sodas at the theater. The box of candy cost \$7.15, the bags of popcorn cost \$1.50 a piece and the sodas were each \$2.85. If he paid with a twenty dollar bill, how much change should he get back? $(7.15\times1=7.15)+(1.50\times2=3.00)+(2.85\times2=5.70)=15.85$
- 5) Emily bought 1 bag of candy, 3 boxes of chocolate and 2 large lollipops at the candy store. The bag of candy cost \$3.30, the boxes of chocolate cost \$2.15 a piece and the large lollipops were each \$3.90. If she paid with a twenty dollar bill, how much change should she get back?

 $(3.30\times1=3.30)+(2.15\times3=6.45)+(3.90\times2=7.80)=17.55$

6) Gwen bought 2 hard cover books, 2 bookmarks and 2 soft back books at the book store. The hard cover books cost \$5.45 each, the bookmarks cost \$3.35 a piece and the soft back books were each \$1.05. If she paid with a twenty dollar bill, how much change should she get back?

 $(5.45\times2=10.90)+(3.35\times2=6.70)+(1.05\times2=2.10)=19.70$

- 7) Vanessa bought 3 cans of cheese dip, 2 sodas and 2 bags of chips at the grocery store. The cans of cheese dip cost \$2.65 each, the sodas cost \$3.55 a piece and the bags of chips were each \$1.45. If she paid with a twenty dollar bill, how much change should she get back? $(2.65\times3=7.95)+(3.55\times2=7.10)+(1.45\times2=2.90)=17.95$
- 8) Haley bought 2 hotdogs, 1 hat and 2 sodas at the baseball game. The hotdogs cost \$5.50 each, the hat cost \$1.75 and the sodas were each \$2.95. If she paid with a twenty dollar bill, how much change should she get back?

 $(5.50 \times 2 = 11.00) + (1.75 \times 1 = 1.75) + (2.95 \times 2 = 5.90) = 18.65$

9) Cody bought 2 wrenches, 1 screw driver and 2 hammers at a hardware store. The wrenches cost \$6.65 each, the screw driver cost \$0.65 and the hammers were each \$1.10. If he paid with a twenty dollar bill, how much change should he get back?

 $(6.65\times2=13.30)+(0.65\times1=0.65)+(1.10\times2=2.20)=16.15$

|--|

- \$12.05
- **\$0.40**

- \$0.30

Math



Determining Change - Multiple Costs, Multiple Items Name:

Solve each probler	n.			
\$1.35	\$2.85	\$3.85	\$0.30	\$2.45
\$12.05	\$2.05	\$4.15	\$0.40	

- <u>Answers</u>
- 1) Billy bought 2 muffins, 2 brownies and 3 cookies at a bake sale. The muffins cost \$0.75 each, the brownies cost \$1.05 a piece and the cookies were each \$1.45. If he paid with a twenty dollar bill, how much change should he get back?
- 2) John bought 1 T-shirt, 1 hoodie and 1 jacket at the clothing store. The T-shirt cost \$4.20, the hoodie cost \$5.15 and the jacket was \$7.80. If he paid with a twenty dollar bill, how much change should he get back?
- 3) Paige bought 2 gift bags, 1 box of ornaments and 1 box of candy canes at the Santa Store. The gift bags cost \$7.95 each, the box of ornaments cost \$2.40 and the box of candy canes was \$1.30. If she paid with a twenty dollar bill, how much change should she get back?
- Oliver bought 1 box of candy, 2 bags of popcorn and 2 sodas at the theater. The box of candy cost \$7.15, the bags of popcorn cost \$1.50 a piece and the sodas were each \$2.85. If he paid with a twenty dollar bill, how much change should he get back?

- 5) Emily bought 1 bag of candy, 3 boxes of chocolate and 2 large lollipops at the candy store. The bag of candy cost \$3.30, the boxes of chocolate cost \$2.15 a piece and the large lollipops were each \$3.90. If she paid with a twenty dollar bill, how much change should she get back?

- 6) Gwen bought 2 hard cover books, 2 bookmarks and 2 soft back books at the book store. get back?
- The hard cover books cost \$5.45 each, the bookmarks cost \$3.35 a piece and the soft back books were each \$1.05. If she paid with a twenty dollar bill, how much change should she
- 7) Vanessa bought 3 cans of cheese dip, 2 sodas and 2 bags of chips at the grocery store. The cans of cheese dip cost \$2.65 each, the sodas cost \$3.55 a piece and the bags of chips were each \$1.45. If she paid with a twenty dollar bill, how much change should she get back?
- 8) Haley bought 2 hotdogs, 1 hat and 2 sodas at the baseball game. The hotdogs cost \$5.50 each, the hat cost \$1.75 and the sodas were each \$2.95. If she paid with a twenty dollar bill, how much change should she get back?
- 9) Cody bought 2 wrenches, 1 screw driver and 2 hammers at a hardware store. The wrenches cost \$6.65 each, the screw driver cost \$0.65 and the hammers were each \$1.10. If he paid with a twenty dollar bill, how much change should he get back?