Solve each problem.

- 1) Paul bought 3 cups, 3 bowls and 3 plates at a store. The cups cost \$1.10 each, the bowls cost \$1.05 a piece and the plates were each \$2.40. If he paid with a twenty dollar bill, how much change should he get back?
- 2) Carol bought 1 can of cheese dip, 3 sodas and 1 bag of chips at the grocery store. The can of cheese dip cost \$3.60, the sodas cost \$3.05 a piece and the bag of chips was \$1.75. If she paid with a twenty dollar bill, how much change should she get back?
- 3) Cody bought 1 screw driver, 3 wrenches and 1 hammer at a hardware store. The screw driver cost \$4.95, the wrenches cost \$0.55 a piece and the hammer was \$0.85. If he paid with a twenty dollar bill, how much change should he get back?
- 4) Bianca bought 2 hotdogs, 1 soda and 2 hats at the baseball game. The hotdogs cost \$5.40 each, the soda cost \$1.85 and the hats were each \$1.30. If she paid with a twenty dollar bill, how much change should she get back?
- 5) Amy bought 1 box of candy canes, 3 boxes of ornaments and 3 gift bags at the Santa Store. The box of candy canes cost \$5.55, the boxes of ornaments cost \$2.00 a piece and the gift bags were each \$1.55. If she paid with a twenty dollar bill, how much change should she get back?
- 6) Victor bought 1 used game, 1 poster and 1 strategy guide at the game store. The used game cost \$7.25, the poster cost \$1.00 and the strategy guide was \$1.25. If he paid with a twenty dollar bill, how much change should he get back?
- 7) Olivia bought 1 pencil, 1 eraser and 2 pens at the school shop. The pencil cost \$0.50, the eraser cost \$1.40 and the pens were each \$0.90. If she paid with a twenty dollar bill, how much change should she get back?
- 8) Debby bought 3 hotdogs, 2 sodas and 2 hamburgers at the state fair. The hotdogs cost \$4.30 each, the sodas cost \$0.95 a piece and the hamburgers were each \$2.05. If she paid with a twenty dollar bill, how much change should she get back?
- 9) Emily bought 1 charger, 2 screen protectors and 1 case at the phone store. The charger cost \$4.15, the screen protectors cost \$2.95 a piece and the case was \$5.95. If she paid with a twenty dollar bill, how much change should she get back?

- l. _____
- 2. _____
- 5. _____
- 5. _____
- 7. _____
- 3. _____
- 9. _____

Solve each problem.

1) Paul bought 3 cups, 3 bowls and 3 plates at a store. The cups cost \$1.10 each, the bowls cost \$1.05 a piece and the plates were each \$2.40. If he paid with a twenty dollar bill, how much change should he get back?

 $(1.10\times3=3.30)+(1.05\times3=3.15)+(2.40\times3=7.20)=13.65$

2) Carol bought 1 can of cheese dip, 3 sodas and 1 bag of chips at the grocery store. The can of cheese dip cost \$3.60, the sodas cost \$3.05 a piece and the bag of chips was \$1.75. If she paid with a twenty dollar bill, how much change should she get back?

 $(3.60 \times 1 = 3.60) + (3.05 \times 3 = 9.15) + (1.75 \times 1 = 1.75) = 14.50$

3) Cody bought 1 screw driver, 3 wrenches and 1 hammer at a hardware store. The screw driver cost \$4.95, the wrenches cost \$0.55 a piece and the hammer was \$0.85. If he paid with a twenty dollar bill, how much change should he get back?

 $(4.95 \times 1 = 4.95) + (0.55 \times 3 = 1.65) + (0.85 \times 1 = 0.85) = 7.45$

4) Bianca bought 2 hotdogs, 1 soda and 2 hats at the baseball game. The hotdogs cost \$5.40 each, the soda cost \$1.85 and the hats were each \$1.30. If she paid with a twenty dollar bill, how much change should she get back?

 $(5.40 \times 2 = 10.80) + (1.85 \times 1 = 1.85) + (1.30 \times 2 = 2.60) = 15.25$

5) Amy bought 1 box of candy canes, 3 boxes of ornaments and 3 gift bags at the Santa Store. The box of candy canes cost \$5.55, the boxes of ornaments cost \$2.00 a piece and the gift bags were each \$1.55. If she paid with a twenty dollar bill, how much change should she get back?

 $(5.55 \times 1 = 5.55) + (2.00 \times 3 = 6.00) + (1.55 \times 3 = 4.65) = 16.20$

6) Victor bought 1 used game, 1 poster and 1 strategy guide at the game store. The used game cost \$7.25, the poster cost \$1.00 and the strategy guide was \$1.25. If he paid with a twenty dollar bill, how much change should he get back?

 $(7.25 \times 1 = 7.25) + (1.00 \times 1 = 1.00) + (1.25 \times 1 = 1.25) = 9.50$

7) Olivia bought 1 pencil, 1 eraser and 2 pens at the school shop. The pencil cost \$0.50, the eraser cost \$1.40 and the pens were each \$0.90. If she paid with a twenty dollar bill, how much change should she get back?

 $(0.50 \times 1 = 0.50) + (1.40 \times 1 = 1.40) + (0.90 \times 2 = 1.80) = 3.70$

8) Debby bought 3 hotdogs, 2 sodas and 2 hamburgers at the state fair. The hotdogs cost \$4.30 each, the sodas cost \$0.95 a piece and the hamburgers were each \$2.05. If she paid with a twenty dollar bill, how much change should she get back?

 $(4.30\times3=12.90)+(0.95\times2=1.90)+(2.05\times2=4.10)=18.90$

9) Emily bought 1 charger, 2 screen protectors and 1 case at the phone store. The charger cost \$4.15, the screen protectors cost \$2.95 a piece and the case was \$5.95. If she paid with a twenty dollar bill, how much change should she get back?

 $(4.15 \times 1 = 4.15) + (2.95 \times 2 = 5.90) + (5.95 \times 1 = 5.95) = 16.00$

1. **\$6.35**

\$5.50

3. **\$12.55**

\$4.75

5. **\$3.80**

6. **\$10.50**

7. **\$16.30**

\$1.10

9. \$4.00



Determining Change - Multiple Costs, Multiple Items Name:

Solve each problem.

I				
\$4.75	\$5.50	\$3.80	\$16.30	\$4.00
\$1.10	\$12.55	\$6.35	\$10.50	

- <u>Answers</u>
- 1) Paul bought 3 cups, 3 bowls and 3 plates at a store. The cups cost \$1.10 each, the bowls cost \$1.05 a piece and the plates were each \$2.40. If he paid with a twenty dollar bill, how much change should he get back?
- ____
- 2) Carol bought 1 can of cheese dip, 3 sodas and 1 bag of chips at the grocery store. The can of cheese dip cost \$3.60, the sodas cost \$3.05 a piece and the bag of chips was \$1.75. If she paid with a twenty dollar bill, how much change should she get back?
- ł. _____
- 3) Cody bought 1 screw driver, 3 wrenches and 1 hammer at a hardware store. The screw driver cost \$4.95, the wrenches cost \$0.55 a piece and the hammer was \$0.85. If he paid with a twenty dollar bill, how much change should he get back?
- 4
- 4) Bianca bought 2 hotdogs, 1 soda and 2 hats at the baseball game. The hotdogs cost \$5.40 each, the soda cost \$1.85 and the hats were each \$1.30. If she paid with a twenty dollar bill, how much change should she get back?
- _____
- 5) Amy bought 1 box of candy canes, 3 boxes of ornaments and 3 gift bags at the Santa Store. The box of candy canes cost \$5.55, the boxes of ornaments cost \$2.00 a piece and the gift bags were each \$1.55. If she paid with a twenty dollar bill, how much change should she get back?
- 9.

- 6) Victor bought 1 used game, 1 poster and 1 strategy guide at the game store. The used game cost \$7.25, the poster cost \$1.00 and the strategy guide was \$1.25. If he paid with a twenty dollar bill, how much change should he get back?
- 7) Olivia bought 1 pencil, 1 eraser and 2 pens at the school shop. The pencil cost \$0.50, the eraser cost \$1.40 and the pens were each \$0.90. If she paid with a twenty dollar bill, how much change should she get back?
- 8) Debby bought 3 hotdogs, 2 sodas and 2 hamburgers at the state fair. The hotdogs cost \$4.30 each, the sodas cost \$0.95 a piece and the hamburgers were each \$2.05. If she paid with a twenty dollar bill, how much change should she get back?
- 9) Emily bought 1 charger, 2 screen protectors and 1 case at the phone store. The charger cost \$4.15, the screen protectors cost \$2.95 a piece and the case was \$5.95. If she paid with a twenty dollar bill, how much change should she get back?