Name:

Solve each problem.

- 1) Ned bought 3 bowls, 2 plates and 1 cup at a store. The bowls cost \$2.05 each, the plates cost \$2.15 a piece and the cup was \$1.80. If he paid with a twenty dollar bill, how much change should he get back?
- 2) Luke bought 2 sodas, 1 bag of popcorn and 3 boxes of candy at the theater. The sodas cost \$1.65 each, the bag of popcorn cost \$4.25 and the boxes of candy were each \$1.90. If he paid with a twenty dollar bill, how much change should he get back?
- 3) Katie bought 2 sodas, 2 hats and 1 hotdog at the baseball game. The sodas cost \$3.70 each, the hats cost \$5.15 a piece and the hotdog was \$1.25. If she paid with a twenty dollar bill, how much change should she get back?
- 4) Faye bought 2 bags of candy, 1 large lollipop and 1 box of chocolate at the candy store. The bags of candy cost \$2.20 each, the large lollipop cost \$3.45 and the box of chocolate was \$3.60. If she paid with a twenty dollar bill, how much change should she get back?
- 5) Debby bought 3 bookmarks, 2 posters and 3 books at the school book fair. The bookmarks cost \$1.95 each, the posters cost \$2.15 a piece and the books were each \$3.05. If she paid with a twenty dollar bill, how much change should she get back?
- 6) Kaleb bought 2 hammers, 1 wrench and 3 screw drivers at a hardware store. The hammers cost \$5.75 each, the wrench cost \$1.05 and the screw drivers were each \$1.30. If he paid with a twenty dollar bill, how much change should he get back?
- 7) Billy bought 1 hoodie, 1 jacket and 1 T-shirt at the clothing store. The hoodie cost \$6.55, the jacket cost \$7.15 and the T-shirt was \$5.00. If he paid with a twenty dollar bill, how much change should he get back?
- 8) Carol bought 1 gift bag, 2 boxes of ornaments and 3 boxes of candy canes at the Santa Store. The gift bag cost \$1.00, the boxes of ornaments cost \$6.90 a piece and the boxes of candy canes were each \$1.60. If she paid with a twenty dollar bill, how much change should she get back?
- 9) Paige bought 2 pens, 2 pencils and 1 eraser at the school shop. The pens cost \$1.15 each, the pencils cost \$0.50 a piece and the eraser was \$0.90. If she paid with a twenty dollar bill, how much change should she get back?
- 10) Vanessa bought 3 bags of chips, 1 soda and 1 can of cheese dip at the grocery store. The bags of chips cost \$3.25 each, the soda cost \$1.75 and the can of cheese dip was \$3.85. If she paid with a twenty dollar bill, how much change should she get back?

A	n	S	\mathbf{w}	e	r	S

- 1. _____
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- 3. _____
- 4. _____
- 5. _____
- 6. ____
- 7. _____
- 8. _____
- 9. _____
- 10. _____

Dete

Solve each problem.

1) Ned bought 3 bowls, 2 plates and 1 cup at a store. The bowls cost \$2.05 each, the plates cost \$2.15 a piece and the cup was \$1.80. If he paid with a twenty dollar bill, how much change should he get back?

 $(2.05\times3=6.15)+(2.15\times2=4.30)+(1.80\times1=1.80)=12.25$

2) Luke bought 2 sodas, 1 bag of popcorn and 3 boxes of candy at the theater. The sodas cost \$1.65 each, the bag of popcorn cost \$4.25 and the boxes of candy were each \$1.90. If he paid with a twenty dollar bill, how much change should he get back?

 $(1.65 \times 2 = 3.30) + (4.25 \times 1 = 4.25) + (1.90 \times 3 = 5.70) = 13.25$

3) Katie bought 2 sodas, 2 hats and 1 hotdog at the baseball game. The sodas cost \$3.70 each, the hats cost \$5.15 a piece and the hotdog was \$1.25. If she paid with a twenty dollar bill, how much change should she get back?

 $(3.70\times2=7.40)+(5.15\times2=10.30)+(1.25\times1=1.25)=18.95$

- 4) Faye bought 2 bags of candy, 1 large lollipop and 1 box of chocolate at the candy store. The bags of candy cost \$2.20 each, the large lollipop cost \$3.45 and the box of chocolate was \$3.60. If she paid with a twenty dollar bill, how much change should she get back? $(2.20 \times 2=4.40)+(3.45 \times 1=3.45)+(3.60 \times 1=3.60)=11.45$
- 5) Debby bought 3 bookmarks, 2 posters and 3 books at the school book fair. The bookmarks cost \$1.95 each, the posters cost \$2.15 a piece and the books were each \$3.05. If she paid with a twenty dollar bill, how much change should she get back?

 (1.95×3=5.85)+ (2.15×2=4.30)+ (3.05×3=9.15)= 19.30
- 6) Kaleb bought 2 hammers, 1 wrench and 3 screw drivers at a hardware store. The hammers cost \$5.75 each, the wrench cost \$1.05 and the screw drivers were each \$1.30. If he paid with a twenty dollar bill, how much change should he get back?

 (5.75×2=11.50)+ (1.05×1=1.05)+ (1.30×3=3.90)= 16.45
- 7) Billy bought 1 hoodie, 1 jacket and 1 T-shirt at the clothing store. The hoodie cost \$6.55, the jacket cost \$7.15 and the T-shirt was \$5.00. If he paid with a twenty dollar bill, how much change should he get back?

 $(6.55 \times 1 = 6.55) + (7.15 \times 1 = 7.15) + (5.00 \times 1 = 5.00) = 18.70$

8) Carol bought 1 gift bag, 2 boxes of ornaments and 3 boxes of candy canes at the Santa Store. The gift bag cost \$1.00, the boxes of ornaments cost \$6.90 a piece and the boxes of candy canes were each \$1.60. If she paid with a twenty dollar bill, how much change should she get back?

 $(1.00 \times 1 = 1.00) + (6.90 \times 2 = 13.80) + (1.60 \times 3 = 4.80) = 19.60$

9) Paige bought 2 pens, 2 pencils and 1 eraser at the school shop. The pens cost \$1.15 each, the pencils cost \$0.50 a piece and the eraser was \$0.90. If she paid with a twenty dollar bill, how much change should she get back?

 $(1.15 \times 2 = 2.30) + (0.50 \times 2 = 1.00) + (0.90 \times 1 = 0.90) = 4.20$

10) Vanessa bought 3 bags of chips, 1 soda and 1 can of cheese dip at the grocery store. The bags of chips cost \$3.25 each, the soda cost \$1.75 and the can of cheese dip was \$3.85. If she paid with a twenty dollar bill, how much change should she get back?

 $(3.25\times3=9.75)+(1.75\times1=1.75)+(3.85\times1=3.85)=15.35$

Answers

1. **\$7.75**

\$6.75

\$1.05

\$8.55

\$0.70

\$3.55

7. **\$1.30**

\$0.40

9. **\$15.80**

\$4.65



Determining Change - Multiple Costs, Multiple Items Name:

\$1.30	\$7.75	\$0.40	\$3.55	\$0.70
\$8.55	\$1.05	\$6.75	\$4.65	\$0.70 \$15.80

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- 3) Katie bought 2 sodas, 2 hats and 1 hotdog at the baseball game. The sodas cost \$3.70 each, the hats cost \$5.15 a piece and the hotdog was \$1.25. If she paid with a twenty dollar bill, how much change should she get back?
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- 5) Debby bought 3 bookmarks, 2 posters and 3 books at the school book fair. The bookmarks cost \$1.95 each, the posters cost \$2.15 a piece and the books were each \$3.05. If she paid with a twenty dollar bill, how much change should she get back?
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- 7) Billy bought 1 hoodie, 1 jacket and 1 T-shirt at the clothing store. The hoodie cost \$6.55, the jacket cost \$7.15 and the T-shirt was \$5.00. If he paid with a twenty dollar bill, how much change should he get back?
- 8) Carol bought 1 gift bag, 2 boxes of ornaments and 3 boxes of candy canes at the Santa Store. The gift bag cost \$1.00, the boxes of ornaments cost \$6.90 a piece and the boxes of candy canes were each \$1.60. If she paid with a twenty dollar bill, how much change should she get back?
- 9) Paige bought 2 pens, 2 pencils and 1 eraser at the school shop. The pens cost \$1.15 each, the pencils cost \$0.50 a piece and the eraser was \$0.90. If she paid with a twenty dollar bill, how much change should she get back?
- 10) Vanessa bought 3 bags of chips, 1 soda and 1 can of cheese dip at the grocery store. The bags of chips cost \$3.25 each, the soda cost \$1.75 and the can of cheese dip was \$3.85. If she paid with a twenty dollar bill, how much change should she get back?

Answers

- l. _____
- 2.
- 3.
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. ____