



Solve each problem.

Answers

- 1) Janet bought 1 case, 3 chargers and 1 screen protector at the phone store. The case cost \$4.20, the chargers cost \$2.80 a piece and the screen protector was \$5.80. If she paid with a twenty dollar bill, how much change should she get back?
- 2) Edward bought 3 watermelons, 1 pineapple and 3 bags of cherries at a fruit stand. The watermelons cost \$2.60 each, the pineapple cost \$1.60 and the bags of cherries were each \$2.15. If he paid with a twenty dollar bill, how much change should he get back?
- 3) Faye bought 3 sodas, 2 hotdogs and 3 hamburgers at the state fair. The sodas cost \$2.80 each, the hotdogs cost \$1.20 a piece and the hamburgers were each \$2.25. If she paid with a twenty dollar bill, how much change should she get back?
- 4) Vanessa bought 1 bag of candy, 3 boxes of chocolate and 1 large lollipop at the candy store. The bag of candy cost \$3.40, the boxes of chocolate cost \$3.05 a piece and the large lollipop was \$1.95. If she paid with a twenty dollar bill, how much change should she get back?
- 5) Mike bought 3 brownies, 1 cookie and 2 muffins at a bake sale. The brownies cost \$1.40 each, the cookie cost \$1.00 and the muffins were each \$2.00. If he paid with a twenty dollar bill, how much change should he get back?
- 6) Cody bought 1 bag of popcorn, 1 soda and 2 boxes of candy at the theater. The bag of popcorn cost \$4.15, the soda cost \$2.00 and the boxes of candy were each \$4.50. If he paid with a twenty dollar bill, how much change should he get back?
- 7) Robin bought 3 sodas, 1 bag of chips and 3 cans of cheese dip at the grocery store. The sodas cost \$2.05 each, the bag of chips cost \$2.00 and the cans of cheese dip were each \$1.60. If she paid with a twenty dollar bill, how much change should she get back?
- 8) Billy bought 1 football, 1 soccer ball and 2 baseballs at the sports store. The football cost \$3.90, the soccer ball cost \$1.25 and the baseballs were each \$0.05. If he paid with a twenty dollar bill, how much change should he get back?
- 9) Ned bought 2 cups, 3 bowls and 1 plate at a store. The cups cost \$2.85 each, the bowls cost \$1.65 a piece and the plate was \$3.95. If he paid with a twenty dollar bill, how much change should he get back?

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- 1) Janet bought 1 case, 3 chargers and 1 screen protector at the phone store. The case cost \$4.20, the chargers cost \$2.80 a piece and the screen protector was \$5.80. If she paid with a twenty dollar bill, how much change should she get back?

$$(4.20 \times 1 = 4.20) + (2.80 \times 3 = 8.40) + (5.80 \times 1 = 5.80) = 18.40$$

1. **\$1.60**

- 2) Edward bought 3 watermelons, 1 pineapple and 3 bags of cherries at a fruit stand. The watermelons cost \$2.60 each, the pineapple cost \$1.60 and the bags of cherries were each \$2.15. If he paid with a twenty dollar bill, how much change should he get back?

$$(2.60 \times 3 = 7.80) + (1.60 \times 1 = 1.60) + (2.15 \times 3 = 6.45) = 15.85$$

2. **\$4.15**

- 3) Faye bought 3 sodas, 2 hotdogs and 3 hamburgers at the state fair. The sodas cost \$2.80 each, the hotdogs cost \$1.20 a piece and the hamburgers were each \$2.25. If she paid with a twenty dollar bill, how much change should she get back?

$$(2.80 \times 3 = 8.40) + (1.20 \times 2 = 2.40) + (2.25 \times 3 = 6.75) = 17.55$$

3. **\$2.45**

- 4) Vanessa bought 1 bag of candy, 3 boxes of chocolate and 1 large lollipop at the candy store. The bag of candy cost \$3.40, the boxes of chocolate cost \$3.05 a piece and the large lollipop was \$1.95. If she paid with a twenty dollar bill, how much change should she get back?

$$(3.40 \times 1 = 3.40) + (3.05 \times 3 = 9.15) + (1.95 \times 1 = 1.95) = 14.50$$

4. **\$5.50**

- 5) Mike bought 3 brownies, 1 cookie and 2 muffins at a bake sale. The brownies cost \$1.40 each, the cookie cost \$1.00 and the muffins were each \$2.00. If he paid with a twenty dollar bill, how much change should he get back?

$$(1.40 \times 3 = 4.20) + (1.00 \times 1 = 1.00) + (2.00 \times 2 = 4.00) = 9.20$$

5. **\$10.80**

- 6) Cody bought 1 bag of popcorn, 1 soda and 2 boxes of candy at the theater. The bag of popcorn cost \$4.15, the soda cost \$2.00 and the boxes of candy were each \$4.50. If he paid with a twenty dollar bill, how much change should he get back?

$$(4.15 \times 1 = 4.15) + (2.00 \times 1 = 2.00) + (4.50 \times 2 = 9.00) = 15.15$$

6. **\$4.85**

- 7) Robin bought 3 sodas, 1 bag of chips and 3 cans of cheese dip at the grocery store. The sodas cost \$2.05 each, the bag of chips cost \$2.00 and the cans of cheese dip were each \$1.60. If she paid with a twenty dollar bill, how much change should she get back?

$$(2.05 \times 3 = 6.15) + (2.00 \times 1 = 2.00) + (1.60 \times 3 = 4.80) = 12.95$$

7. **\$7.05**

- 8) Billy bought 1 football, 1 soccer ball and 2 baseballs at the sports store. The football cost \$3.90, the soccer ball cost \$1.25 and the baseballs were each \$0.05. If he paid with a twenty dollar bill, how much change should he get back?

$$(3.90 \times 1 = 3.90) + (1.25 \times 1 = 1.25) + (0.05 \times 2 = 0.10) = 5.25$$

8. **\$14.75**

- 9) Ned bought 2 cups, 3 bowls and 1 plate at a store. The cups cost \$2.85 each, the bowls cost \$1.65 a piece and the plate was \$3.95. If he paid with a twenty dollar bill, how much change should he get back?

$$(2.85 \times 2 = 5.70) + (1.65 \times 3 = 4.95) + (3.95 \times 1 = 3.95) = 14.60$$

9. **\$5.40**



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Answers

\$2.45	\$7.05	\$4.85	\$5.50	\$1.60
\$5.40	\$10.80	\$14.75	\$4.15	

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