

**Solve each problem.****Answers**

- 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?
- 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 back?
- 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?
- 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?
- 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?
- 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?

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$$(7.50 \times 1 = 7.50) + (3.45 \times 2 = 6.90) + (1.40 \times 3 = 4.20) = 18.60$$

1. **\$1.40**

- 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 back?

$$(3.95 \times 2 = 7.90) + (2.90 \times 3 = 8.70) + (2.95 \times 1 = 2.95) = 19.55$$

2. **\$0.45**3. **\$5.15**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 she paid with a twenty dollar bill, how much change should she get back?

$$(3.10 \times 3 = 9.30) + (2.45 \times 1 = 2.45) + (1.55 \times 2 = 3.10) = 14.85$$

5. **\$3.00**6. **\$5.30**

- 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?

$$(1.55 \times 2 = 3.10) + (1.30 \times 2 = 2.60) + (2.05 \times 3 = 6.15) = 11.85$$

7. **\$7.10**8. **\$2.60**

- 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?

$$(4.05 \times 2 = 8.10) + (2.10 \times 1 = 2.10) + (6.80 \times 1 = 6.80) = 17.00$$

9. **\$1.70**

- 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?

$$(3.75 \times 3 = 11.25) + (1.70 \times 2 = 3.40) + (0.05 \times 1 = 0.05) = 14.70$$

- 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?

$$(2.20 \times 2 = 4.40) + (1.85 \times 2 = 3.70) + (2.40 \times 2 = 4.80) = 12.90$$

- 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?

$$(5.55 \times 1 = 5.55) + (2.45 \times 3 = 7.35) + (1.50 \times 3 = 4.50) = 17.40$$

- 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?

$$(5.05 \times 1 = 5.05) + (5.55 \times 1 = 5.55) + (7.70 \times 1 = 7.70) = 18.30$$



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Answers

\$2.60	\$5.30	\$7.10	\$3.00	\$5.15
\$1.70	\$0.45	\$8.15	\$1.40	

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- 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?
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