



## Determining Change - Multiple Costs , Multiple Items Name:

Solve each problem.

- 1) Lana bought 3 cans of cheese dip, 2 sodas and 3 bags of chips at the grocery store. The cans of cheese dip cost \$2.85 each, the sodas cost \$1.70 a piece, and the bags of chips were each \$2.40. If she gave the cashier 20 dollars, how much change should she get back?
- 2) Carol bought 2 chargers, 1 case and 1 screen protector at the phone store. The chargers cost \$5.75 each, the case cost \$5.35, and the screen protector was \$2.75. If she gave the cashier 20 dollars, how much change should she get back?
- 3) Sam bought 1 cookie, 1 brownie and 2 muffins at a bake sale. The cookie cost \$1.30, the brownie cost \$1.20, and the muffins were each \$1.90. If he gave the cashier 20 dollars, how much change should he get back?
- 4) Amy bought 2 boxes of chocolate, 1 bag of candy and 1 large lollipop at the candy store. The boxes of chocolate cost \$2.65 each, the bag of candy cost \$3.80, and the large lollipop was \$2.65. If she gave the cashier 20 dollars, how much change should she get back?
- 5) Ned bought 1 toy car, 1 action figure and 1 board game at the toy store. The toy car cost \$1.05, the action figure cost \$1.65, and the board game was \$4.70. If he gave the cashier 20 dollars, how much change should he get back?
- 6) Faye bought 1 pen, 1 pencil and 2 erasers at the school shop. The pen cost \$1.45, the pencil cost \$0.55, and the erasers were each \$0.90. If she gave the cashier 20 dollars, how much change should she get back?
- 7) Vanessa bought 1 book, 1 bookmark and 3 posters at the school book fair. The book cost \$3.05, the bookmark cost \$0.70, and the posters were each \$2.45. If she gave the cashier 20 dollars, how much change should she get back?
- 8) Bianca bought 1 box of candy canes, 2 gift bags and 1 box of ornaments at the Santa Store. The box of candy canes cost \$2.60, the gift bags cost \$1.50 a piece, and the box of ornaments was \$5.30. If she gave the cashier 20 dollars, how much change should she get back?
- 9) Billy bought 1 hoodie, 1 T-shirt and 1 jacket at the clothing store. The hoodie cost \$5.65, the T-shirt cost \$5.95, and the jacket was \$7.15. If he gave the cashier 20 dollars, how much change should he get back?

## Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
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4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_



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 $(\$2.85 \times 3 = \$8.55) + (\$1.70 \times 2 = \$3.40) + (\$2.40 \times 3 = \$7.20) = \$19.15$
- 2) Carol bought 2 chargers, 1 case and 1 screen protector at the phone store. The chargers cost \$5.75 each, the case cost \$5.35, and the screen protector was \$2.75. If she gave the cashier 20 dollars, how much change should she get back?  
 $(\$5.75 \times 2 = \$11.50) + (\$5.35 \times 1 = \$5.35) + (\$2.75 \times 1 = \$2.75) = \$19.60$
- 3) Sam bought 1 cookie, 1 brownie and 2 muffins at a bake sale. The cookie cost \$1.30, the brownie cost \$1.20, and the muffins were each \$1.90. If he gave the cashier 20 dollars, how much change should he get back?  
 $(\$1.30 \times 1 = \$1.30) + (\$1.20 \times 1 = \$1.20) + (\$1.90 \times 2 = \$3.80) = \$6.30$
- 4) Amy bought 2 boxes of chocolate, 1 bag of candy and 1 large lollipop at the candy store. The boxes of chocolate cost \$2.65 each, the bag of candy cost \$3.80, and the large lollipop was \$2.65. If she gave the cashier 20 dollars, how much change should she get back?  
 $(\$2.65 \times 2 = \$5.30) + (\$3.80 \times 1 = \$3.80) + (\$2.65 \times 1 = \$2.65) = \$11.75$
- 5) Ned bought 1 toy car, 1 action figure and 1 board game at the toy store. The toy car cost \$1.05, the action figure cost \$1.65, and the board game was \$4.70. If he gave the cashier 20 dollars, how much change should he get back?  
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 $(\$3.05 \times 1 = \$3.05) + (\$0.70 \times 1 = \$0.70) + (\$2.45 \times 3 = \$7.35) = \$11.10$
- 8) Bianca bought 1 box of candy canes, 2 gift bags and 1 box of ornaments at the Santa Store. The box of candy canes cost \$2.60, the gift bags cost \$1.50 a piece, and the box of ornaments was \$5.30. If she gave the cashier 20 dollars, how much change should she get back?  
 $(\$2.60 \times 1 = \$2.60) + (\$1.50 \times 2 = \$3.00) + (\$5.30 \times 1 = \$5.30) = \$10.90$
- 9) Billy bought 1 hoodie, 1 T-shirt and 1 jacket at the clothing store. The hoodie cost \$5.65, the T-shirt cost \$5.95, and the jacket was \$7.15. If he gave the cashier 20 dollars, how much change should he get back?  
 $(\$5.65 \times 1 = \$5.65) + (\$5.95 \times 1 = \$5.95) + (\$7.15 \times 1 = \$7.15) = \$18.75$

**Answers**

1. **\$0.85**
2. **\$0.40**
3. **\$13.70**
4. **\$8.25**
5. **\$12.60**
6. **\$16.20**
7. **\$8.90**
8. **\$9.10**
9. **\$1.25**



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\$0.85	\$1.25	\$12.60	\$16.20	\$13.70
\$9.10	\$8.90	\$8.25	\$0.40	

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