



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

Solve each problem.

- 1) Katie bought 2 cans of cheese dip, 3 sodas and 1 bag of chips at the grocery store. The cans of cheese dip cost \$2.75 each, the sodas cost \$1.35 a piece, and the bag of chips was \$2.35. If she gave the cashier 20 dollars, how much change should she get back?
  
- 2) Carol bought 2 boxes of ornaments, 2 boxes of candy canes and 1 gift bag at the Santa Store. The boxes of ornaments cost \$7.50 each, the boxes of candy canes cost \$1.35 a piece, and the gift bag was \$1.80. If she gave the cashier 20 dollars, how much change should she get back?
  
- 3) Victor bought 2 bowls, 2 plates and 3 cups at a store. The bowls cost \$1.75 each, the plates cost \$1.05 a piece, and the cups were each \$2.60. If he gave the cashier 20 dollars, how much change should he get back?
  
- 4) Rachel bought 1 hamburger, 2 hotdogs and 3 sodas at the state fair. The hamburger cost \$2.95, the hotdogs cost \$1.05 a piece, and the sodas were each \$1.70. If she gave the cashier 20 dollars, how much change should she get back?
  
- 5) Oliver bought 1 football, 1 baseball and 2 soccer balls at the sports store. The football cost \$0.05, the baseball cost \$1.95, and the soccer balls were each \$4.55. If he gave the cashier 20 dollars, how much change should he get back?
  
- 6) Jerry bought 2 watermelons, 1 bag of cherries and 3 pineapples at a fruit stand. The watermelons cost \$0.80 each, the bag of cherries cost \$3.30, and the pineapples were each \$2.50. If he gave the cashier 20 dollars, how much change should he get back?
  
- 7) George bought 2 brownies, 2 cookies and 1 muffin at a bake sale. The brownies cost \$1.30 each, the cookies cost \$0.80 a piece, and the muffin was \$1.10. If he gave the cashier 20 dollars, how much change should he get back?
  
- 8) Roger bought 1 strategy guide, 1 poster and 1 used game at the game store. The strategy guide cost \$2.00, the poster cost \$4.10, and the used game was \$7.85. If he gave the cashier 20 dollars, how much change should he get back?
  
- 9) Kaleb bought 3 action figures, 2 toy cars and 1 board game at the toy store. The action figures cost \$3.00 each, the toy cars cost \$1.70 a piece, and the board game was \$5.00. If he gave the cashier 20 dollars, how much change should he get back?

## Answers

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



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1) Katie bought 2 cans of cheese dip, 3 sodas and 1 bag of chips at the grocery store. The cans of cheese dip cost \$2.75 each, the sodas cost \$1.35 a piece, and the bag of chips was \$2.35. If she gave the cashier 20 dollars, how much change should she get back?  
 $(\$2.75 \times 2 = 5.50) + (\$1.35 \times 3 = 4.05) + (\$2.35 \times 1 = 2.35) = 8.10$

2) Carol bought 2 boxes of ornaments, 2 boxes of candy canes and 1 gift bag at the Santa Store. The boxes of ornaments cost \$7.50 each, the boxes of candy canes cost \$1.35 a piece, and the gift bag was \$1.80. If she gave the cashier 20 dollars, how much change should she get back?  
 $(\$7.50 \times 2 = 15.00) + (\$1.35 \times 2 = 2.70) + (\$1.80 \times 1 = 1.80) = 0.50$

3) Victor bought 2 bowls, 2 plates and 3 cups at a store. The bowls cost \$1.75 each, the plates cost \$1.05 a piece, and the cups were each \$2.60. If he gave the cashier 20 dollars, how much change should he get back?  
 $(\$1.75 \times 2 = 3.50) + (\$1.05 \times 2 = 2.10) + (\$2.60 \times 3 = 7.80) = 6.60$

4) Rachel bought 1 hamburger, 2 hotdogs and 3 sodas at the state fair. The hamburger cost \$2.95, the hotdogs cost \$1.05 a piece, and the sodas were each \$1.70. If she gave the cashier 20 dollars, how much change should she get back?  
 $(\$2.95 \times 1 = 2.95) + (\$1.05 \times 2 = 2.10) + (\$1.70 \times 3 = 5.10) = 9.85$

5) Oliver bought 1 football, 1 baseball and 2 soccer balls at the sports store. The football cost \$0.05, the baseball cost \$1.95, and the soccer balls were each \$4.55. If he gave the cashier 20 dollars, how much change should he get back?  
 $(\$0.05 \times 1 = 0.05) + (\$1.95 \times 1 = 1.95) + (\$4.55 \times 2 = 9.10) = 8.90$

6) Jerry bought 2 watermelons, 1 bag of cherries and 3 pineapples at a fruit stand. The watermelons cost \$0.80 each, the bag of cherries cost \$3.30, and the pineapples were each \$2.50. If he gave the cashier 20 dollars, how much change should he get back?  
 $(\$0.80 \times 2 = 1.60) + (\$3.30 \times 1 = 3.30) + (\$2.50 \times 3 = 7.50) = 7.60$

7) George bought 2 brownies, 2 cookies and 1 muffin at a bake sale. The brownies cost \$1.30 each, the cookies cost \$0.80 a piece, and the muffin was \$1.10. If he gave the cashier 20 dollars, how much change should he get back?  
 $(\$1.30 \times 2 = 2.60) + (\$0.80 \times 2 = 1.60) + (\$1.10 \times 1 = 1.10) = 14.70$

8) Roger bought 1 strategy guide, 1 poster and 1 used game at the game store. The strategy guide cost \$2.00, the poster cost \$4.10, and the used game was \$7.85. If he gave the cashier 20 dollars, how much change should he get back?  
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9) Kaleb bought 3 action figures, 2 toy cars and 1 board game at the toy store. The action figures cost \$3.00 each, the toy cars cost \$1.70 a piece, and the board game was \$5.00. If he gave the cashier 20 dollars, how much change should he get back?  
 $(\$3.00 \times 3 = 9.00) + (\$1.70 \times 2 = 3.40) + (\$5.00 \times 1 = 5.00) = 2.60$

**Answers**

1. **\$8.10**

2. **\$0.50**

3. **\$6.60**

4. **\$9.85**

5. **\$8.90**

6. **\$7.60**

7. **\$14.70**

8. **\$6.05**

9. **\$2.60**



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\$0.50	\$2.60	\$6.60	\$7.60	\$6.05
\$9.85	\$8.90	\$8.10	\$14.70	

## Answers

- 1) Katie bought 2 cans of cheese dip, 3 sodas and 1 bag of chips at the grocery store. The cans of cheese dip cost \$2.75 each, the sodas cost \$1.35 a piece, and the bag of chips was \$2.35. If she gave the cashier 20 dollars, how much change should she get back?
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