### Determine Change - Multiple Costs, Multiple Items

**Solve each problem.**

1. Tiffany bought 2 large lollipops, 2 boxes of chocolate and 2 bags of candy at the candy store. The large lollipops cost $3.95 each, the boxes of chocolate cost $2.45 a piece and the bags of candy were each $1.95. If she paid with a twenty dollar bill, how much change should she get back?

   \[ (3.95 \times 2 = 7.90) + (2.45 \times 2 = 4.90) + (1.95 \times 2 = 3.90) = 16.70 \]

2. Olivia bought 1 bookmark, 3 soft back books and 1 hard cover book at the book store. The bookmark cost $0.60, the soft back books cost $2.90 a piece and the hard cover book was $5.30. If she paid with a twenty dollar bill, how much change should she get back?

   \[ (0.60 \times 1 = 0.60) + (2.90 \times 3 = 8.70) + (5.30 \times 1 = 5.30) = 14.60 \]

3. Haley bought 1 hat, 1 hotdog and 2 sodas at the baseball game. The hat cost $5.10, the hotdog cost $2.55 and the sodas were each $1.40. If she paid with a twenty dollar bill, how much change should she get back?

   \[ (5.10 \times 1 = 5.10) + (2.55 \times 1 = 2.55) + (1.40 \times 2 = 2.80) = 10.45 \]

4. Kaleb bought 1 bag of popcorn, 2 boxes of candy and 3 sodas at the theater. The bag of popcorn cost $4.15, the boxes of candy cost $3.35 a piece and the sodas were each $2.45. If he paid with a twenty dollar bill, how much change should he get back?

   \[ (4.15 \times 1 = 4.15) + (3.35 \times 2 = 6.70) + (2.45 \times 3 = 7.35) = 18.20 \]

5. Tom bought 1 soccer ball, 3 baseballs and 1 football at the sports store. The soccer ball cost $1.85, the baseballs cost $2.15 a piece and the football was $0.05. If he paid with a twenty dollar bill, how much change should he get back?

   \[ (1.85 \times 1 = 1.85) + (2.15 \times 3 = 6.45) + (0.05 \times 1 = 0.05) = 8.35 \]

6. Rachel bought 2 bags of chips, 2 cans of cheese dip and 1 soda at the grocery store. The bags of chips cost $2.20 each, the cans of cheese dip cost $3.00 a piece and the soda was $1.45. If she paid with a twenty dollar bill, how much change should she get back?

   \[ (2.20 \times 2 = 4.40) + (3.00 \times 2 = 6.00) + (1.45 \times 1 = 1.45) = 11.85 \]

7. Mike bought 1 hammer, 2 wrenches and 2 screw drivers at a hardware store. The hammer cost $6.50, the wrenches cost $0.85 a piece and the screw drivers were each $1.40. If he paid with a twenty dollar bill, how much change should he get back?

   \[ (6.50 \times 1 = 6.50) + (0.85 \times 2 = 1.70) + (1.40 \times 2 = 2.80) = 11.00 \]

8. Henry bought 1 board game, 3 action figures and 1 toy car at the toy store. The board game cost $5.75, the action figures cost $1.75 a piece and the toy car was $1.80. If he paid with a twenty dollar bill, how much change should he get back?

   \[ (5.75 \times 1 = 5.75) + (1.75 \times 3 = 5.25) + (1.80 \times 1 = 1.80) = 12.80 \]

9. John bought 3 cookies, 3 muffins and 3 brownies at a bake sale. The cookies cost $0.50 each, the muffins cost $1.35 a piece and the brownies were each $1.20. If he paid with a twenty dollar bill, how much change should he get back?

   \[ (0.50 \times 3 = 1.50) + (1.35 \times 3 = 4.05) + (1.20 \times 3 = 3.60) = 9.15 \]

10. Carol bought 1 charger, 1 case and 3 screen protectors at the phone store. The charger cost $6.95, the case cost $4.90 and the screen protectors were each $2.05. If she paid with a twenty dollar bill, how much change should she get back?

   \[ (6.95 \times 1 = 6.95) + (4.90 \times 1 = 4.90) + (2.05 \times 3 = 6.15) = 18.00 \]

### Answers

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<tr>
<th>Problem</th>
<th>Change</th>
</tr>
</thead>
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<tr>
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\[(0.60 \times 1 = 0.60) + (2.90 \times 3 = 8.70) + (5.30 \times 1 = 5.30) = 14.60\]

3) Haley bought 1 hat, 1 hotdog and 2 sodas at the baseball game. The hat cost $5.10, the hotdog cost $2.55 and the sodas were each $1.40. If she paid with a twenty dollar bill, how much change should she get back?

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<th>Haley</th>
<th>Kaleb</th>
<th>Tom</th>
<th>Rachel</th>
<th>Mike</th>
<th>Henry</th>
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<th>Carol</th>
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