Cash Register Receipts

When you shop in a store, you usually buy more than one item at a time. The store clerk adds each item on a cash register and gives you a receipt. A cash register receipt shows how much each item costs. And it shows the total amount of money the items cost altogether. Some cash register receipts also show how much money the customer gives the clerk and how much the clerk gives in change.

Watch the cash register as the clerk adds up your purchases. Be sure the clerk gives you the correct change, too. Anyone can make a mistake. The clerk will be glad to have your help.

Finish these cash register receipts by adding up the cost of each item and filling in the totals. Then figure out your correct change by subtracting the totals from the amounts paid. Write in the correct change.

1. $ .16 Item
   .24 Item
   .32 Item
   .17 Item
$ .69 Total
$1.00 Paid
$ .11 Change

2. $ .27 Item
   .34 Item
   .65 Item
   .17 Item
$1.50 Paid
$1.47 Change

3. $ .24 Item
   .51 Item
   .32 Item
   .47 Item
$2.00 Paid
$1.77 Change

4. $ .37 Item
   .42 Item
   .61 Item
   .17 Item
   .42 Item
$2.00 Total
$5.00 Paid
$5.00 Change

5. $1.19 Item
   1.12 Item
   1.12 Item
   .89 Item
   .36 Item
$5.00 Total
$5.00 Paid
$5.00 Change

6. $ .36 Item
   .68 Item
   2.21 Item
   1.43 Item
   1.05 Item
$6.00 Total
$6.00 Paid
$6.00 Change
Supermarket Maze

Start at the top left square of the maze. Follow the openings through the squares, adding the cost of each item as you go. (Do your work on another piece of paper.) Fill in the blanks for totals and change. Then answer the questions at the bottom of the page.

<table>
<thead>
<tr>
<th>Item</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground beef</td>
<td>$2.05</td>
</tr>
<tr>
<td>Lemons</td>
<td>$2.89</td>
</tr>
<tr>
<td>Lettuce</td>
<td>$0.89</td>
</tr>
<tr>
<td>Salad greens</td>
<td>$0.47</td>
</tr>
<tr>
<td>Tomatoes</td>
<td>$0.66</td>
</tr>
<tr>
<td>Beans</td>
<td>$0.74</td>
</tr>
<tr>
<td>Onions</td>
<td>$0.45</td>
</tr>
<tr>
<td>Potatoes</td>
<td>$1.63</td>
</tr>
<tr>
<td>Ice cream</td>
<td>$2.65</td>
</tr>
<tr>
<td>Round steak</td>
<td>$3.61</td>
</tr>
<tr>
<td>Cheese</td>
<td>FREE</td>
</tr>
<tr>
<td>Oranges</td>
<td>$0.98</td>
</tr>
<tr>
<td>Soap</td>
<td>$0.89</td>
</tr>
<tr>
<td>Hamburger buns</td>
<td>$0.97</td>
</tr>
<tr>
<td>Milk</td>
<td>$0.58</td>
</tr>
<tr>
<td>Cold cuts</td>
<td>$2.37</td>
</tr>
<tr>
<td>Roast</td>
<td>$0.67</td>
</tr>
<tr>
<td>Tuna 89¢ can</td>
<td>$0.89</td>
</tr>
<tr>
<td>Peanut butter</td>
<td>$1.89</td>
</tr>
<tr>
<td>Rolls 94¢</td>
<td>$0.94</td>
</tr>
<tr>
<td>Cheese</td>
<td>$2.98</td>
</tr>
<tr>
<td>Green peppers 89¢ can</td>
<td>$0.89</td>
</tr>
<tr>
<td>Hot dogs</td>
<td>$1.59</td>
</tr>
<tr>
<td>Whole chicken 2.69</td>
<td>$2.69</td>
</tr>
<tr>
<td>Salad dressing</td>
<td>$1.37</td>
</tr>
<tr>
<td>Frozen orange juice $1.19</td>
<td></td>
</tr>
<tr>
<td>Frozen peas 67¢</td>
<td></td>
</tr>
<tr>
<td>Bread is 1.29 a loaf take 2</td>
<td></td>
</tr>
<tr>
<td>Bacon</td>
<td>$2.29</td>
</tr>
<tr>
<td>Celery 74¢</td>
<td></td>
</tr>
<tr>
<td>Honey 2.95</td>
<td></td>
</tr>
<tr>
<td>Coffee $4.79</td>
<td></td>
</tr>
<tr>
<td>TV dinner 2.89</td>
<td></td>
</tr>
<tr>
<td>Chicken potpie 75¢</td>
<td></td>
</tr>
<tr>
<td>Frozen fish 2.35</td>
<td></td>
</tr>
<tr>
<td>Crackers FREE sample</td>
<td></td>
</tr>
<tr>
<td>Fresh fish 3.18</td>
<td></td>
</tr>
<tr>
<td>Tomato juice 65¢</td>
<td></td>
</tr>
</tbody>
</table>

How much money did you spend in the supermarket altogether? ___________

If you bought everything in the maze, how much would you spend? ___________

seventy-seven 77
Cash Register Receipts

Finish these cash register receipts by filling in the blanks.

1. $ .37 Item
   1.15 Item
   .65 Item
   .48 Item
   2.11 Item
   1.27 Item
   $6.03 Total
   $7.00 Paid
   $ .97 Change
2. $ 2.88 Item
   .22 Item
   .29 Item
   2.11 Item
   1.18 Item
   .71 Item
   $10.00 Total
   $10.00 Paid
   $ .97 Change
3. $ .18 Item
   2.11 Item
   2.11 Item
   2.11 Item
   2.11 Item
   .32 Item
   $10.00 Total
   $10.00 Paid
   $ .97 Change

4. $ 1.23 Item
   2.19 Item
   1.64 Item
   .69 Item
   1.09 Item
   3.20 Item
   .46 Item
   $20.00 Total
   $20.00 Paid
   $ .97 Change
5. $ .92 Item
   3.14 Item
   1.89 Item
   .45 Item
   .78 Item
   4.35 Item
   $20.00 Total
   $20.00 Paid
   $ .97 Change
6. $ 3.00 Item
   1.25 Item
   .98 Item
   5.13 Item
   1.49 Item
   2.63 Item
   .26 Item
   $20.00 Total
   $20.00 Paid
   $ .97 Change

7. $ 6.58 Item
   1.24 Item
   2.79 Item
   .69 Item
   3.07 Item
   .99 Item
   4.35 Item
   $20.00 Total
   $20.00 Paid
   $ .97 Change
8. $ 4.09 Item
   .38 Item
   2.88 Item
   3.17 Item
   5.97 Item
   5.98 Item
   1.14 Item
   $25.00 Total
   $25.00 Paid
   $ .97 Change
9. $10.00 Item
   1.45 Item
   3.04 Item
   .89 Item
   5.50 Item
   4.48 Item
   1.25 Item
   $30.00 Total
   $30.00 Paid
   $ .97 Change
Cash Register Receipts

Find the mistakes in these receipts. Some show wrong totals, and some show the wrong change. Make your corrections on the lines next to each receipt.

<table>
<thead>
<tr>
<th>Receipt</th>
<th>Corrected</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. $ .84 Item .59 Item .76 Item .23 Item .09 Item $2.51 Total $5.00 Paid $2.39 Change</td>
<td>$4.20 Item 6.87 Item 9.32 Item 7.66 Item 3.85 Item $31.90 Total $35.00 Paid $3.20 Change</td>
</tr>
<tr>
<td>2. $15.26 Item 6.21 Item .89 Item .89 Item 6.47 Item $28.72 Total $30.00 Paid $ .28 Change</td>
<td></td>
</tr>
<tr>
<td>3. $2.34 Item 5.87 Item 6.11 Item 3.04 Item 2.58 Item 8.96 Item $28.90 Total $30.00 Paid $1.90 Change</td>
<td>$13.79 Item 18.24 Item 12.66 Item 18.53 Item 17.22 Item 11.30 Item $90.74 Total $95.00 Paid $3.26 Change</td>
</tr>
<tr>
<td>4. $7.84 Item 1.23 Item 25.46 Item 16.80 Item 14.07 Item 9.92 Item $76.32 Total $80.00 Paid $4.86 Change</td>
<td></td>
</tr>
<tr>
<td>5. $5.33 Item 7.59 Item 12.50 Item 46.02 Item 3.29 Item 17.55 Item $92.29 Total $95.00 Paid $2.72 Change</td>
<td>$5.27 Item 14.95 Item 17.20 Item 8.07 Item 3.79 Item 11.88 Item $61.16 Total $70.00 Paid $9.84 Change</td>
</tr>
<tr>
<td>6. $15.08 Item 27.39 Item 8.17 Item 27.48 Item 6.33 Item 2.54 Item $86.99 Total $90.00 Paid $3.11 Change</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Item</td>
</tr>
<tr>
<td>---</td>
<td>------</td>
</tr>
<tr>
<td>10.</td>
<td>$7.77</td>
</tr>
<tr>
<td></td>
<td>3.21</td>
</tr>
<tr>
<td></td>
<td>8.59</td>
</tr>
<tr>
<td></td>
<td>6.04</td>
</tr>
<tr>
<td></td>
<td>8.31</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$32.92</strong></td>
</tr>
<tr>
<td><strong>Paid</strong></td>
<td><strong>$40.00</strong></td>
</tr>
<tr>
<td><strong>Change</strong></td>
<td><strong>$6.08</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Item</th>
<th>Item</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.</td>
<td>$1.59</td>
<td>$15.48</td>
<td>$5.69</td>
</tr>
<tr>
<td></td>
<td>15.59</td>
<td>13.22</td>
<td>18.25</td>
</tr>
<tr>
<td></td>
<td>6.28</td>
<td>14.98</td>
<td>7.83</td>
</tr>
<tr>
<td></td>
<td>34.71</td>
<td>14.72</td>
<td>11.47</td>
</tr>
<tr>
<td></td>
<td>22.06</td>
<td>12.85</td>
<td>1.49</td>
</tr>
<tr>
<td></td>
<td>3.68</td>
<td>12.85</td>
<td>16.87</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$83.91</strong></td>
<td><strong>$84.20</strong></td>
<td><strong>$61.60</strong></td>
</tr>
<tr>
<td><strong>Paid</strong></td>
<td><strong>$90.00</strong></td>
<td><strong>$90.00</strong></td>
<td><strong>$70.00</strong></td>
</tr>
<tr>
<td><strong>Change</strong></td>
<td><strong>$6.19</strong></td>
<td><strong>$5.90</strong></td>
<td><strong>$9.40</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Item</th>
<th>Item</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.</td>
<td>$1.25</td>
<td>$8.45</td>
<td>$28.94</td>
</tr>
<tr>
<td></td>
<td>12.12</td>
<td>4.44</td>
<td>12.35</td>
</tr>
<tr>
<td></td>
<td>6.06</td>
<td>7.30</td>
<td>11.11</td>
</tr>
<tr>
<td></td>
<td>5.14</td>
<td>.79</td>
<td>7.82</td>
</tr>
<tr>
<td></td>
<td>17.19</td>
<td>13.65</td>
<td>3.62</td>
</tr>
<tr>
<td></td>
<td>2.24</td>
<td>2.87</td>
<td>15.49</td>
</tr>
<tr>
<td></td>
<td>1.18</td>
<td>1.76</td>
<td>4.41</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$44.18</strong></td>
<td><strong>$39.26</strong></td>
<td><strong>$83.74</strong></td>
</tr>
<tr>
<td><strong>Paid</strong></td>
<td><strong>$50.00</strong></td>
<td><strong>$50.00</strong></td>
<td><strong>$85.00</strong></td>
</tr>
<tr>
<td><strong>Change</strong></td>
<td><strong>$4.82</strong></td>
<td><strong>$11.73</strong></td>
<td><strong>$1.37</strong></td>
</tr>
</tbody>
</table>

80 eighty
Buying More than One of the Same Item

Sometimes you will buy more than one of the same item when you shop. Suppose you are buying four cans of the same soup. The soup costs eighty-two cents a can.

You can find the total cost of the soup two different ways. You can add the price of each can.

\[
\begin{align*}
82\text{¢} + 82\text{¢} + 82\text{¢} + 82\text{¢} &= $3.28 \\
\text{Total Cost}
\end{align*}
\]

Or you can use a shortcut. You can multiply the price of a single can by the number of cans you are buying.

\[
\begin{align*}
.82 \times 4 &= $3.28 \\
\text{Total Cost}
\end{align*}
\]

Remember, you can only use this multiplication shortcut when the items you buy have exactly the same price. You would read the example above as, “Four times eighty-two cents equals three dollars and twenty-eight cents.”

Here is another example. You are buying 3 pounds of meat at three dollars and twenty-three cents a pound.

Adding

\[
\begin{align*}
\text{price 1 pound} + \text{price 1 pound} + \text{price 1 pound} &= \text{Total Cost}
\end{align*}
\]

Multiplying

\[
\begin{align*}
\text{price 1 pound} \times \text{number of pounds} &= \text{Total Cost}
\end{align*}
\]

These two examples should show you how much easier it is to use multiplication than addition to find your total cost when you are buying more than one of the same item.
In these exercises, you are buying more than one of the same item in a grocery store. Find the total cost of each purchase by adding the price of each item. Then write the multiplication problem that also shows you the total cost of that item.

1. 

\[
\begin{array}{c}
\$ .79 \\
.79 \\
.79 \\
.79 \\
.79 \\
+ .79 \\
\end{array}
\]

\[
\begin{array}{c}
\times \frac{7}{9} \\
\end{array}
\]

\[
\begin{array}{c}
\text{Total Cost} \\
\end{array}
\]

2. 

\[
\begin{array}{c}
\$ .83 \\
.83 \\
.83 \\
.83 \\
.83 \\
+ .83 \\
\end{array}
\]

\[
\begin{array}{c}
\times \frac{8}{3} \\
\end{array}
\]

\[
\begin{array}{c}
\text{Total Cost} \\
\end{array}
\]

3. 

\[
\begin{array}{c}
\$ .68 \\
.68 \\
.68 \\
.68 \\
+ .68 \\
\end{array}
\]

\[
\begin{array}{c}
\times \frac{6}{8} \\
\end{array}
\]

\[
\begin{array}{c}
\text{Total Cost} \\
\end{array}
\]

4. 

\[
\begin{array}{c}
\$ 1.99 \\
1.99 \\
1.99 \\
1.99 \\
1.99 \\
1.99 \\
1.99 \\
1.99 \\
1.99 \\
+ 1.99 \\
\end{array}
\]

\[
\begin{array}{c}
\times \frac{9}{9} \\
\end{array}
\]

\[
\begin{array}{c}
\times \frac{3}{28} \\
\end{array}
\]

\[
\begin{array}{c}
\text{Total Cost} \\
\end{array}
\]

82 eighty-two
Shopping Quiz

In these exercises, you are buying more than one of the same item in a grocery store. Use multiplication to find the total cost for each purchase. Then write this amount in the blank. (Show your multiplication work in the space next to the pictures.)

1. 4 cans of tomatoes = $ \underline{3.16}

$ .79 \times 4 = $3.16

79¢ a can

2. 3 cans of beans = $ \underline{\phantom{00}}

65¢ a can

3. 3 heads of lettuce = $ \underline{\phantom{00}}

89¢ a head

4. 2 loaves of bread = $ \underline{\phantom{00}}

$1.29 a loaf

5. 2 quarts of milk = $ \underline{\phantom{00}}

62¢ a quart

6. 6 boxes of raisins = $ \underline{\phantom{00}}

75¢ a box

7. 8 cucumbers = $ \underline{\phantom{00}}

38¢ each

8. 3 pounds of carrots = $ \underline{\phantom{00}}

39¢ a pound
9. 5 lemons = $______

29¢ each

10. 2 boxes of cake mix = $______

$1.69 a box

11. 7 ears of corn = $______

23¢ an ear

12. 6 grapefruits = $______

52¢ each

13. 4 cans of peas = $______

65¢ a can

14. 3 pounds of cheese = $______

$3.59 a pound

15. 3 pineapples = $______

$1.25 each

16. 5 pounds of apples = $______

69¢ a pound

17. 2 jars of honey = $______

$2.95 each

18. 4-pound chicken = $______

89¢ a pound

19. 4 pounds of bananas = $______

34¢ a pound

20. 3 boxes of crackers = $______

$1.12 each
Shopping Quiz

In these exercises, you are buying more than one of the same item in a grocery store. Use multiplication to find the total cost for each purchase. Then write this amount in the blank. (Show your multiplication work in the space next to the pictures.)

1. 12-pound turkey = $ \underline{8.28}

\[
\begin{array}{c}
\$ .69 \\
\times 12 \\
\hline
138 \\
69 \\
\hline
\$ 8.28
\end{array}
\]

69¢ a pound

2. 12 cans of soup = $ \underline{\quad\quad}\n
82¢ a can

3. 12 cans of soft drink = $ \underline{\quad\quad}\n
39¢ a can

4. 8-pound ham = $ \underline{\quad\quad}\n
$2.25 a pound

5. 6-pound roast = $ \underline{\quad\quad}\n
$2.88 a pound

6. 14-pound watermelon = $ \underline{\quad\quad}\n
17¢ a pound

7. 4 gallons of milk = $ \underline{\quad\quad}\n
$1.89 a gallon

8. 10 pounds of potatoes = $ \underline{\quad\quad}\n
27¢ a pound
9. 25 pounds of dog food = $______
   42¢ a pound

10. 10 pounds of sugar = $______
    48¢ a pound

11. 5 pounds of flour = $______
    32¢ a pound

12. 5 pounds of fish = $______
    $3.49 a pound

13. 15 pounds of ice = $______
    14¢ a pound

14. 4 pounds of coffee = $______
    $2.21 a pound

15. 12 pounds of apples = $______
    59¢ a pound

16. 14 pounds of peaches = $______
    79¢ a pound

17. 16-pound pumpkin = $______
    12¢ a pound

18. 11 pounds of onions = $______
    36¢ a pound

19. 3 cans of nuts = $______
    $4.19 a can

20. 12 cans of juice = $______
    79¢ a can