

# Problem Solving

## Skill 3 - 18D

### Problem Solving: Multiplication

**Directions:** Solve the word problems. The first problem is completed for you.

<p>1. Mary bought 3 toys cars for \$14.50 each. How much did she spend?</p> $\begin{array}{r} 11 \\ \$14.50 \\ \times \quad 3 \\ \hline \$43.50 \end{array}$	<p>2. Rachel's class went to a tree farm. The farmer told them that there are 7 rows of trees. Each row has 161 trees. How many trees are there in all?</p>
<p>3. There are 3 shelves of dog food in the pet store. Each shelf has 462 cans of dog food. How many cans of food are there in all?</p>	<p>4. Erin buys 7 tickets to the play for her club. Each ticket cost \$4.00. How much did she spend?</p>
<p>5. Marvin buys 7 packages of marbles. Each package has 232 marbles. How many marbles did he buy in all?</p>	<p>6. George bought 4 footballs for \$2.62 each. How much did he spend?</p>

Name \_\_\_\_\_

Date \_\_\_\_\_

## Problem Solving

### Skill 3 - 18D

#### Problem Solving: Multiplication

**Directions:** Solve the word problems.

<p><b>7.</b> Joey buys 9 boxes of strawberries. Each box has 178 strawberries. How many strawberries did he buy in all?</p>	<p><b>8.</b> John's class held a swim meet. His team has 8 swimmers. Each team member swam 132 laps. How many laps did all 8 swimmers swim in all?</p>
<p><b>9.</b> There are 5 shelves of records in the music store. Each shelf has 256 records. How many records are there in all?</p>	<p><b>10.</b> Sue buys 9 tickets to the show for her friends. Each ticket cost \$5.75. How much did she spend?</p>
<p><b>11.</b> Russell's school buys 6 guitars for the music room. Each guitar cost \$25.17. How much did Russell's school spend on the guitars?</p>	<p><b>12.</b> Mr. Smith buys 7 soccer balls for his class. Each soccer ball cost \$12.25. How much did he spend?</p>

Answer Key  
Skill 3 - 18D

<p><b>1.</b> Mary bought 3 toys cars for \$14.50 each. How much did she spend?</p> $\begin{array}{r} \$14.50 \\ \times \quad 3 \\ \hline \$43.50 \end{array}$ <p style="text-align: right;">She spent \$43.50</p>	<p><b>2.</b> Rachel's class went to a tree farm. The farmer told them that there are 7 rows of trees. Each row has 161 trees. How many trees are there in all?</p> $\begin{array}{r} 161 \\ \times \quad 7 \\ \hline 1,127 \end{array}$ <p style="text-align: right;">There are 1,127 trees in all.</p>
<p><b>3.</b> There are 3 shelves of dog food in the pet store. Each shelf has 462 cans of dog food. How many cans of food are there in all?</p> $\begin{array}{r} 462 \\ \times \quad 3 \\ \hline 1,386 \end{array}$ <p style="text-align: right;">There are 1,386 cans of food in all.</p>	<p><b>4.</b> Erin buys 7 tickets to the play for her club. Each ticket cost \$4.00. How much did she spend?</p> $\begin{array}{r} \$4.00 \\ \times \quad 7 \\ \hline \$28.00 \end{array}$ <p style="text-align: right;">She spent \$28</p>
<p><b>5.</b> Marvin buys 7 packages of marbles. Each package has 232 marbles. How many marbles did he buy in all?</p> $\begin{array}{r} 232 \\ \times \quad 7 \\ \hline 1,624 \end{array}$ <p style="text-align: right;">He bought 1,624 marbles.</p>	<p><b>6.</b> George bought 4 footballs for \$2.62 each. How much did he spend?</p> $\begin{array}{r} \$2.62 \\ \times \quad 4 \\ \hline \$10.48 \end{array}$ <p style="text-align: right;">He spent \$10.48</p>
<p><b>7.</b> Joey buys 9 boxes of strawberries. Each box has 178 strawberries. How many strawberries did he buy in all?</p> $\begin{array}{r} 178 \\ \times \quad 9 \\ \hline 1,602 \end{array}$ <p style="text-align: right;">He bought 1,602 strawberries.</p>	<p><b>8.</b> John's class held a swim meet. His team has 8 swimmers. Each team member swam 132 laps. How many laps did all 8 swimmers swim in all?</p> $\begin{array}{r} 132 \\ \times \quad 8 \\ \hline 1,056 \end{array}$ <p style="text-align: right;">They swam 1,056 laps in all.</p>
<p><b>9.</b> There are 5 shelves of records in the music store. Each shelf has 256 records. How many records are there in all?</p> $\begin{array}{r} 256 \\ \times \quad 5 \\ \hline 1,280 \end{array}$ <p style="text-align: right;">There are 1,280 records in all.</p>	<p><b>10.</b> Sue buys 9 tickets to the show for her friends. Each ticket cost \$5.75. How much did she spend?</p> $\begin{array}{r} \$5.75 \\ \times \quad 9 \\ \hline \$51.75 \end{array}$ <p style="text-align: right;">She spent \$51.75</p>
<p><b>11.</b> Russell's school buys 6 guitars for the music room. Each guitar cost \$25.17. How much did Russell's school spend on the guitars?</p> $\begin{array}{r} \$25.17 \\ \times \quad 6 \\ \hline \$151.02 \end{array}$ <p style="text-align: right;">The school spent \$151.02</p>	<p><b>12.</b> Mr. Smith buys 7 soccer balls for his class. Each soccer ball cost \$12.25. How much did he spend?</p> $\begin{array}{r} \$12.25 \\ \times \quad 7 \\ \hline \$85.75 \end{array}$ <p style="text-align: right;">He spent \$85.75</p>