

## Multiplication

### Skill 4 - 9E

#### Problem Solving

**Directions:** Solve the following word problems

#### Example

Jason wants to buy 6 bags of marbles.  
Each bag cost \$2.43.  
How much will Jason spend?

$$\begin{array}{r} 2\ 1 \\ \$2.43 \\ \times \quad 6 \\ \hline \$14.58 \end{array}$$

1. Mr. Jones planted 25 rows of tomato plants.  
There are 75 tomato plants in each row.  
How many tomato plants did Mr. Jones plant in all?
  
2. Larry's class is going to the fair.  
The admission price is \$17 for each ticket.  
Thirty-two students will buy a ticket. What is the total cost of the tickets?
  
3. Janice bought 25 pencils.  
Each pencil cost 36 cents.  
How much did Janice spend in all?

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**Directions:** Solve the following word problems

4. Jerri bought 253 boxes of cat food for her pet store.  
Each box holds 12 cans of cat food.  
How many cans of cat food did she buy?
  
  
  
  
  
  
  
  
  
  
5. There are 7 buses taking children to the zoo.  
Each bus has a driver and 18 students.  
How many people are in the 7 buses in all?
  
  
  
  
  
  
  
  
  
  
6. Marsha rides her bike 12 miles each week.  
How many miles will she ride in 20 weeks?
  
  
  
  
  
  
  
  
  
  
7. Kevin bought 24 organic apples.  
Each apple cost \$1.63.  
How much did Kevin spend in all?

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**Directions:** Solve the following word problems

8. Kayla buys 35 boxes of flower pots.  
Each box has 19 pots.  
How many flower pots did she buy?
  
  
  
  
  
  
  
  
  
  
9. Gary has two times more money than John.  
John has \$3.43.  
How much money does Gary have?
  
  
  
  
  
  
  
  
  
  
10. Joey practices guitar from 4:00 P.M. to 6:00 P.M. three times a week.  
How many hours does he practice in 3 weeks?
  
  
  
  
  
  
  
  
  
  
11. Michael's class is going to an apple orchard to pick apples.  
The class picked thirty-four bushels of apples.  
Each bushel cost \$22.35.  
What is the total cost of the apples?



Answer Key  
Skill 4 - 9E

<p>1. <math display="block">\begin{array}{r} 75 \\ \times 25 \\ \hline 1,875 \end{array}</math></p> <p style="text-align: center;">1,875 tomato plants</p>	<p>2. <math display="block">\begin{array}{r} \\$17.00 \\ \times 32 \\ \hline \\$544.00 \end{array}</math></p> <p style="text-align: center;">\$544 is the total cost</p>	<p>3. <math display="block">\begin{array}{r} 0.36 \\ \times 25 \\ \hline \\$9.00 \end{array}</math></p> <p style="text-align: center;">Janice spent \$9</p>
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<p>4. <math display="block">\begin{array}{r} 253 \\ \times 12 \\ \hline 3,036 \end{array}</math></p> <p style="text-align: center;">3,036 cans</p>	<p>5. <math display="block">\begin{array}{r} 19 \\ \times 7 \\ \hline 133 \end{array}</math></p> <p style="text-align: center;">133 people in all</p>	<p>6. <math display="block">\begin{array}{r} 20 \\ \times 12 \\ \hline 240 \end{array}</math></p> <p style="text-align: center;">240 miles</p>
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<p>7. <math display="block">\begin{array}{r} \\$1.63 \\ \times 24 \\ \hline \\$39.12 \end{array}</math></p>	<p>8. <math display="block">\begin{array}{r} 35 \\ \times 19 \\ \hline 665 \end{array}</math></p> <p style="text-align: center;">she bought 665 pots</p>	<p>9. <math display="block">\begin{array}{r} \\$3.43 \\ \times 2 \\ \hline \\$6.86 \end{array}</math></p> <p style="text-align: center;">Gary has \$6.86</p>
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<p>10. <math display="block">\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}</math></p>	<p><math display="block">\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}</math></p>	<p style="text-align: center;">18 hours in 3 weeks</p>
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<p>11. <math display="block">\begin{array}{r} \\$22.35 \\ \times 34 \\ \hline \\$759.90 \end{array}</math></p>	<p>12. <math display="block">\begin{array}{r} 30 \\ \times 14 \\ \hline 420 \end{array}</math> 420 minutes divided by 60 minutes in each hour = 7 hours</p>
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<p>13. number of candy bars in each box <math display="block">\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}</math></p>	<p>8 boxes times 32 bars in each box <math display="block">\begin{array}{r} 32 \\ \times 8 \\ \hline 256 \end{array}</math></p>
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<p>14. <math display="block">\begin{array}{r} 240 \\ \times 8 \\ \hline 1,920 \end{array}</math></p> <p style="text-align: center;">1,920 pieces of paper</p>
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