

# Lesson 3 Problem-Solving Practice

## *Multiply Decimals by Whole Numbers*

<p><b>1. COOKING</b> Norberto uses three 14.7-ounce cans of chicken broth when he makes his tortilla soup. How many total ounces of chicken broth does he use?</p>	<p><b>2. TIME</b> Amanda works on a farm. It takes her 2.25 hours to drive to town and back. She usually goes to town twice a week to get supplies. How much time does Amanda spend driving if she takes 8 trips to town each month?</p>						
<p><b>3. EXERCISE</b> The local health club is advertising a special for new members: no initiation fee to join and only \$34.50 per month for the first year. If Andy joins the health club for one year, how much will he spend on membership?</p>	<p><b>4. BIKING</b> In order to train for a cross-state biking trip, Julie rides her bike 34.75 miles five times a week. How many total miles does she ride each week?</p>						
<p><b>5. MONEY</b> David is building a doghouse and needs bolts and washers from the hardware store. How much will David pay for 16 bolts that are 4 inches long and a washer for each?</p> <table border="1" data-bbox="191 1318 669 1461"> <tr> <td>3-inch bolts</td> <td>\$0.87 each</td> </tr> <tr> <td>4-inch bolts</td> <td>\$0.92 each</td> </tr> <tr> <td>washers</td> <td>\$0.12 each</td> </tr> </table>	3-inch bolts	\$0.87 each	4-inch bolts	\$0.92 each	washers	\$0.12 each	<p><b>6. INSECTS</b> One wing of a Royal Moth is 0.75 inch across. How wide is the moth's wingspan when both wings are open?</p>
3-inch bolts	\$0.87 each						
4-inch bolts	\$0.92 each						
washers	\$0.12 each						
<p><b>7. COSTUMES</b> K. J. is making costumes for this year's parade. The pattern she is using calls for 2.125 yards of fabric for each costume. How many yards of fabric will she need to make 34 costumes?</p>	<p><b>8. POOL PASSES</b> The Girl Scouts are going to the pool. It will cost them \$2.50 per person to go and there are 10 people going. What will the total cost be?</p>						