

4-1**Practice: Skills*****Multiplying Decimals by Whole Numbers*****Multiply.**

1.
$$\begin{array}{r} 1.5 \\ \times 3 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 0.9 \\ \times 6 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 0.45 \\ \times 5 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 3.12 \\ \times 8 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 3.47 \\ \times 5 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 2.08 \\ \times 6 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 9.14 \\ \times 2 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 0.82 \\ \times 9 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 6.3 \\ \times 9 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 0.02 \\ \times 3 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 9.12 \\ \times 4 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 27.3 \\ \times 8 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 4.007 \\ \times 4 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 3.13 \\ \times 3 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 5.02 \\ \times 8 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 6.31 \\ \times 6 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 8.01 \\ \times 5 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 4.325 \\ \times 7 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 0.762 \\ \times 2 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 0.08 \\ \times 8 \\ \hline \end{array}$$

21. 6×3.04

22. 2.6×9

23. 13×2.5

24. 1.006×4

25. Evaluate $42.3t$ if $t = 110$.26. Evaluate $231a$ if $a = 3.6$ **Write each number in standard form.**

27. 3.15×10^4

28. 2.6×10^5

29. 5×10^6

4-1**Practice: Word Problems*****Multiplying Decimals by Whole Numbers***

<p>1. COOKING Norberto uses three 14.7 oz cans of chicken broth when he makes his delicious tortilla soup. How many total ounces of chicken broth does he use?</p>	<p>2. TIME Amanda works on a farm out in the hills. 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>3. EXERCISE 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>4. BIKING 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>5. MONEY David wants to buy 16 bolts from a bin at the hardware store. Each bolt costs \$0.03. How much will David pay for the bolts?</p>	<p>6. INSECTS One wing of a Royal Moth is 0.75 inch across. How wide is the moth's wingspan when both wings are open?</p>
<p>7. COSTUMES KJ is making costumes for this year's samba 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>8. PLANETS Earth is 1.496×10^8 kilometers from the Sun. What is this distance written in standard form?</p>