

► Practice Multiplying Decimal Numbers Greater Than 1

Multiply.

$$\begin{array}{r} 1. \quad 2.6 \\ \times 0.7 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 8.23 \\ \times 0.6 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 7.21 \\ \times 0.3 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 8.7 \\ \times 0.53 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 4.7 \\ \times 6.3 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 5.4 \\ \times 5.2 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 0.43 \\ \times 1.8 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 7.01 \\ \times 0.2 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 1.04 \\ \times 0.4 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 8.6 \\ \times 3.9 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 5.7 \\ \times 1.7 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 8.2 \\ \times 7.4 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 4.6 \\ \times 0.12 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 8.5 \\ \times 8.5 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 246.1 \\ \times .09 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 7.7 \\ \times 3.2 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 1.1 \\ \times 0.11 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 4.3 \\ \times 2.4 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 7.8 \\ \times 0.15 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 3.8 \\ \times 4.5 \\ \hline \end{array}$$

► Solve Real World Problems

Solve.

Show your work

21. Maggie is training to run in a 6-mile race. Her training program has her increase her weekly long run each week. This week she ran 4.5 miles. Next week she will run 1.3 times as far as she did this week. How far will she run next week?

22. Hank earned \$140.95. Pellam earned 0.8 times as much as Hank did. How much did Pellam earn?

23. Tariq is building his dog a bed. He wants the width of his dog's bed to be .75 times as long as the length. If the length is 1.5 meters, how wide will the bed be?

24. The door to Sophia's room is 0.9 m wide and 2.06 m tall. In order to buy paint to paint it, she needs to know the area of one side of the door. What is the area of one side of her door?

Write an equation and then solve.

Adrienne and Evelyn have a pet cat. When they got it as a kitten, it weighed 0.6 kilograms. Now it weighs 7.3 times as much as it did when it was a kitten. How much does their cat weigh now?

The official weight of a U.S. penny is 2.5 grams. A quarter weighs a little more than 2.2 times as much as a penny. About how much does a quarter weigh?
