

To add decimals, line up place values and add. Regroup as needed.

$$\begin{array}{r} 50.90 \\ + 0.26 \\ \hline 51.16 \end{array}$$

To subtract decimals, line up place values and subtract. Regroup as needed.

$$\begin{array}{r} 20.700 \\ - 0.258 \\ \hline 20.442 \end{array}$$

To multiply decimals, multiply as you would with whole numbers. Then use the number of decimal places in the factors to place the decimal point in the product.

$$\begin{array}{r} 1.35 \\ \times 4.6 \\ \hline 810 \\ + 5400 \\ \hline 6.210 \end{array}$$

Do You Understand?

- Essential Question** How can you add, subtract, and multiply with decimals?
- Generalize** How is adding and subtracting decimals similar to and different from adding and subtracting whole numbers?
- What can you do if a decimal product has final zeros to the right of the decimal point?
- Critique Reasoning** Diego says that the product of 0.51×2.427 will have five decimal places. Is Diego correct? Explain.

Do You Know How?

In 5–10, find each sum or difference.

5. $5.9 + 2.7$ 6. $4.01 - 2.95$

7. $6.8 - 1.45$ 8. $9.62 - 0.3$

9. $2.57 + 7.706$ 10. $15 - 6.108$

In 11–16, place the decimal point in the correct location in the product.

11. $4 \times 0.94 = 376$ 12. $5 \times 0.487 = 2435$

13. $3.4 \times 6.8 = 2312$ 14. $3.9 \times 0.08 = 312$

15. $0.9 \times 0.22 = 198$ 16. $9 \times 1.2 = 108$

In 17 and 18, find each product.

17. 5.3×2.7 18. 8×4.09



Algebra 1 Workbook Unit 6 Answer Key

Nat Reed



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with a variety of differentiated learning opportunities Included are questions involving patterning solving equations using a variable creating simplifying and graphing an algebraic expression finding a quotient and writing a number as a scientific notation The drill sheets offer space for reflection and opportunity for the appropriate use of technology Also contained are assessment and standards rubrics review sheets color activity posters and bonus worksheets All of our content meets the Common Core State Standards and are written to Bloom s Taxonomy STEM and NCTM standards [Algebra - Task Sheets](#)
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