

4-2**Practice: Skills*****Multiplying Decimals*****Multiply.**

1. 0.3×0.5

2. 1.2×2.1

3. 2.5×6.7

4. 0.4×8.3

5. 2.3×1.21

6. 0.6×0.91

7. 6.5×0.04

8. 8.54×3.27

9. 5.02×1.07

10. 0.003×2.9

11. 0.93×6.8

12. 7.1×0.004

13. 3.007×6.1

14. 2.52×0.15

15. 2.6×5.46

16. 16.25×1.3

17. 3.5×24.09

18. 0.025×17.1

19. 11.04×6.18

20. 14.83×16.7

21. 27.1×10.105

Evaluate each expression if $x = 2.1$, $y = 0.031$, and $z = 3.05$.

22. $xy + z$

23. $y + xz$

24. $x \times 13.55 - y$

4-2**Practice: Word Problems*****Multiplying Decimals***

1. GIFTS Colin is filling 4.5 ounce bottles with lavender bubble bath that he made for gifts. He was able to fill 7.5 bottles. How many ounces of bubble bath did he make?

2. GROCERY Iona's favorite peaches are \$2.50 per pound at the local farmers' market. She bought 3.5 pounds of the peaches. How much did she spend?

3. SHOPPING Jennifer is buying new school clothes. The items she wants to buy add up to \$132.50 before sales tax. Sales tax is calculated by multiplying the total amount by 0.08. What is the amount of sales tax for the items?

4. DRIVING Ana bought a van that holds 20.75 gallons of gas and gets an average of 15.5 miles per gallon. How many miles can she expect to go on a full tank?

5. INCOME Ishi makes \$8.50 an hour rolling sushi at Kyoto Japanese Restaurant. His paycheck shows that he worked 20.88 hours over the past two weeks. How much did Ishi make before taxes?

6. TRAVEL Manny is on vacation in France. He rented a car to drive 233.3 kilometers from Paris to Brussels and wants to figure out the distance in miles. To convert from kilometers to miles, he needs to multiply the total kilometers by 0.62. How many miles will Manny drive?