

**Practice****Multiplying Decimals**

#7-24

Use estimation to place the decimal point in each product.

~~1. $18.6 \cdot 4.2 = 7812$~~

~~2. $51.9 \cdot 2.73 = 141687$~~

~~3. $6.3 \cdot 0.098 = 06174$~~

~~4. $7.05 \cdot 42.01 = 2961705$~~

~~5. $13.4 \cdot 9.65 = 129310$~~

~~6. $0.72 \cdot 1.408 = 101376$~~

Multiply.

7. $2.5 \cdot 6.7$

8. $0.4 \cdot 8.3$

9. $0.6 \cdot 0.91$

10. $8.54 \cdot 3.27$

11. $0.2 \cdot 0.079$

12. $16.8 \cdot 4.5$

13. $39.6 \cdot 2.417$

14. $0.003 \cdot 2.9$

15. $5.7 \cdot 18.4$

16. $0.93 \cdot 6.8$

17. $0.0004 \cdot 0.05$

18. $200.41 \cdot 3.06$

19. $9.3 \cdot 0.087$

20. $6.5 \cdot 0.9$

21. $4.07 \cdot 23.8$

22. $3.5 \cdot 19.2$

23. $2.1 \cdot 0.76$

24. $50.4 \cdot 1.032$

Solve each equation.

~~25. $9.5 \cdot 17.34 = p$~~

~~26. $r = 28.6 \cdot 0.007$~~

~~27. $5.32 \cdot 104.9 = m$~~

Evaluate each expression if $x = 4.8$, $y = 12$, and $z = 0.036$.

~~28. yz~~

~~29. $(y - x)z$~~

~~30. $x(y + z)$~~