Name: _____

MULTIPYLING DECIMALS BY WHOLE NUMBERS

1. When multiplying decimals, **ignore the decimal point** at first and treat the numbers as whole numbers.
2. Perform the multiplication as you would with whole numbers.
3. **Count the total number of decimal places** in the decimal number(s) in the question.
4. Place the decimal point in the answer to **match the total decimal places in the question.**

Hint: This method also works for decimal × decimal calculations. If you feel confident, give it a try! For this worksheet, we'll focus on decimal × whole number calculations.

Example

3.2 × 6

- **Ignore** the decimal point. Calculate **32 × 6 = 192.**
- The number 3.2 has **1 decimal place.**
- Place the decimal point in the answer: **19.2.**

Now try these:

1. 2.4 × 5	6. 3.5 × 9	11. 12.3 × 4	16. 23.5 × 6	21. 11.6 × 4
2. 6.7 × 4	7. 4.8 × 6	12. 10.8 × 7	17. 19.4 × 7	22. 13.2 × 7
3. 8.3 × 7	8. 9.6 × 2	13. 14.6 × 2	18. 15.2 × 8	23. 16.8 × 5
4. 1.9 × 6	9. 7.4 × 5	14. 9.7 × 9	19. 26.3 × 5	24. 21.4 × 3
5. 5.2 × 3	10. 2.9 × 8	15. 18.5 × 3	20. 22.8 × 4	25. 19.9 × 8