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| Rvw 1. $r^5 \cdot r^9$ | 2. $x^4 \cdot x^{10}$ | 3. $x^6 \cdot x^{70}$ | 4. $x^m \cdot x^n$ |
| Notes $x = x^1$ | ONLY x's with x's y's with y's | $3x^4$ coefficient exponent | multiply - coefficients Add - Exponents |
| 5. $4x^3 \cdot 5x^6$ | 6. $6x^8 \cdot 7x^9 y^{10}$ | 7. $4z^3 \cdot 8z$ | 8. $10a^4 \cdot 11a$ |
| 9. $3x^4 y^5 \cdot 6x^7 y^8 z^9$ | 10. $12x^{11} y^{10} \cdot 9x^8 z^{14}$ | 11. $3x^5 \cdot 6x^4 \cdot 7x^{10} z^2$ | 12. $10a^4 y^5 \cdot 8x^6 y^7 z^8$ |
| 13. $-2x^4 y^5 \cdot 6x^7 y^{10}$ | 14. $3x^{-4} y^6 \cdot 2x^{-3} y^{-7}$ | 15. $-5x^{-4} y^{10} \cdot -6x^{-3} y^{-7}$ | 16. $-8x^{-7} y^{-9} \cdot -10x^{-11} z^{-12}$ |

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| 17. $6x^3 \cdot 7x^4$ | 18. $8x^4 \cdot 7x^5$ | 19. $12x^4 \cdot 6x^8 y^3$ | 20. $9x^3 \cdot 8x^6 x^6$ |
| 21. $20x^4 y^5 \cdot 4x^3 y$ | 22. $7x^7 y^7 \cdot 8x^8 z^8$ | 23. $8x \cdot 6x^2$ | 24. $6x^4 \cdot 5y$ |
| 25. $\left(\frac{1}{4}\right)^2 x^3 y^4 \cdot \left(\frac{1}{4}\right)^3 x^6$ | 26. $(-2)^8 x^8 y^8 \cdot (-2)^3 x^8 y^7$ | 27. $5x^m \cdot 6x^2$ | 28. $-2x^4 y^7 \cdot -3y^6 x$ |
| 29. $-3x^4 y^5 z^6 \cdot 7x^8 y^7 z$ | 30. $-2x^4 y^a z^c \cdot 4x^6 y^3 z^{3c}$ | 31. $4x^{\frac{1}{2}} y^{\frac{3}{4}} \cdot 2x^{\frac{3}{8}} y^{\frac{7}{8}}$ | 32. $6x^{4a} y^{2b} \cdot 3x^{5a} y^{4b}$ |

Multiply coefficients // Add Exponents