

PARTNER A (left side)

TEAM NAME

PARTNER B (right side)

For Whom Was Mr. Bachelor Rabbit Searching?

Simplify each expression. Partner A should do the left side and Partner B the right side. After completing each set, find matching answers. One will have a letter and the other a number. Write the letter in the matching numbered box at the bottom of the page.

SET 1										SET 1									
I. $5n^3 \cdot n^2$					E. $2n^4 \cdot 9n$					15. $3n^2 \cdot 6n^3$					5. $5n^8 \cdot 3n$				
T. $-3n^2(8n^{-5})$					S. $(-15n)(-n^8)$					1. $-2n^4(12n^{-7})$					9. $(-5n)(-n^4)$				
SET 2										SET 2									
O. $\frac{9x^7}{3x^2}$					H. $\frac{-30x^3}{5x^5}$					17. $\frac{10x^9}{2x}$					13. $\frac{-15x^8}{-5x^3}$				
U. $\frac{40x^7}{8x^{-1}}$					A. $\frac{-2x^{-5}}{-6x^{-2}}$					10. $\frac{4x^{-1}}{12x^2}$					2. $\frac{18x^{-5}}{-3x^{-3}}$				
SET 3										SET 3									
E. $(5cd^2)(6c^2d^3)$					Y. $4cd^7(3c^4d^{-3})$					20. $(6cd^3)(2c^4d)$					7. $3c^2d^7(10cd^{-2})$				
T. $(9cd^5)(2c^3d)^2$					S. $36c^5d^3(cd^2)^3$					12. $(4c^4d^7)(3c^2d)^2$					4. $36cd^4(c^2d)^3$				
SET 4										SET 4									
N. $\left(\frac{4at^5}{a^3t^{-1}}\right)^2$					A. $\left(\frac{3a^4t^{-2}}{a^2t}\right)^4$					3. $\left(\frac{9a^5t^{-1}}{at^5}\right)^2$					11. $\left(\frac{4at^4}{a^3t^{-2}}\right)^3$				
L. $\left(\frac{-2t^4}{at}\right)^6$					M. $\left(\frac{4a^3t^2}{9at^6}\right)^{-3}$					18. $\left(\frac{-2t^5}{at^2}\right)^4$					14. $\left(\frac{8a^4t}{27at^7}\right)^{-2}$				
SET 5										SET 5									
P. $(5x^6y)(2y^3)(3x^{-2}y^{-9})$					N. $(4xy)^2(4xy^2)$					8. $(-x^9y^2)(10y^5)(3x^{-3}y^{-8})$					16. $(2xy)^5(2xy^5)$				
C. $(xy)^{-3}(-x^7y^2)(30x^2)$					B. $x^9y^4(4x^{-1}y^2)^3$					6. $(xy)^{-2}(30x^5)(xy^{-3})$					19. $8x^6y(2x^{-1}y)^3$				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20