

Simplify each of the following expressions and match the letter beside the correct answer in the right column by placing that letter in the space beside the number of the exercise that has that answer. When you finish, place the letters above their matching number codes at the bottom of the page, and you will learn something interesting about geography and biology that was written by Edward Lear.

- |   |                   |
|---|-------------------|
| 1. $-19 + 20$   | Y. $\frac{7}{10}$ |
| 2. $-37 + 97$   | B. $-170$         |
| 3. $-642 + 593$   | G. $2y^2 + y$     |
| 4. $-22 + -14 + 13 + -19$                                     | L. $-2440$        |
| 5. $3.8 + -5.2 + -2.1 + 3.7$                                  | A. $-68$          |
| 6. $-\frac{1}{2} + -\frac{1}{3} + \frac{1}{2} + -\frac{2}{3}$ | U. $2x + -2y$     |
| 7. $x^2 + y + (-x^2) + 41$                                    | K. $-49$          |
| 8. $-3y + (-y^2) + 4y + 3y^2$                                 | O. $-460$         |
| 9. $(-14 + 13)12$   | H. $-6x$          |
| 10. $34(17 + -19)$  | D. $x$            |
| 11. $10(-9 + -8)$   | M. $60$           |
| 12. $-92 + 92(-4)$  | S. $1000x + 20y$  |
| 13. $0(-11 + -5)$   | F. $Y + 41$       |
| 14. $-122(19) + -122$   | V. $3$            |
| 15. $20 \cdot (51x + y + -x)$                                 | C. $1$            |
| 16. $3x + -4y + -x + 2y$                                      | N. $-37$          |
| 17. $-\frac{1}{4}(28)$  | W. $-12$          |
| 18. $\frac{1}{5}(370) (-\frac{1}{2})$                         | P. $-42$          |
| 19. $-\frac{1}{3}(18x)$                                       | T. $0$            |
| 20. $-3(7x + -4y)$  | I. $-1$           |
| 21. $-\frac{1}{x}(-3x)$                                       | R. $-7$           |
| 22. $\frac{1}{2}(81x + -72x)$                                 | E. $-21x + 12y$   |

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