

# Who Won The Race Between The Boy Silkworm And The Girl Silkworm?

(answer on separate page)  
complete puzzle!

SIMPLIFY any expression below. Then EVALUATE the result for the given value(s) of the variables. Find the simplified expression in the answer column. Notice the letter next to it. Find the value of the expression at the bottom of the page and write this letter above it. Keep working and you will discover the answer to the title question.

- |  |                               |
|--|-------------------------------|
| ① $7x + 3 - 2x$ if $x = 8$                       | ⑩ <del>1</del> $3x + 2y - 8$  |
| ② $10 - 3y - 7$ if $y = 3$                       | ⑧ <del>E</del> $-9y - 2$      |
| ③ $-3x + 8x - 4$ if $x = -2$                     | 1 <del>1</del> $5x + 3$       |
| ④ $7 - (-2y) + y - 9$ if $y = 6$                 | 13 <del>Y</del> $-x - 3y$     |
| ⑤ $5x + (-8x) + 3 - x$ if $x = -5$               | 15 <del>N</del> $-x + 8y + 8$ |
| ⑥ $4y - 4 - (-y) - 9y$ if $y = 4$                | 17 <del>7</del> $-2x + 5$     |
| ⑦ $-x + 8 + 7x - (-1)$ if $x = -10$              | ③ <del>E</del> $-4x + 3$      |
| ⑧ $-2 + (-6y) + 5y - 8y$ if $y = -4$             | 2 <del>7</del> $-3y + 3$      |
| ⑨ $4x + 5 - 5x$ if $x = -12$                     | 16 <del>N</del> $-7x + y + 7$ |
| ⑩ $4x + 2y - x - 8$ if $x = 1, y = 5$            | 14 <del>E</del> $4x - y + 10$ |
| ⑪ $-3x + 9 - (-4y) + 5x$ if $x = 1, y = -5$      | 11 <del>D</del> $2x + 4y + 9$ |
| ⑫ $-8 - 4x + y - 6x$ if $x = -3, y = 8$          | ⑦ <del>U</del> $6x + 9$       |
| ⑬ $2x + 5y - 3x + (-8y)$ if $x = -9, y = 9$      | 4 <del>E</del> $3y - 2$       |
| ⑭ $7x + 1 - y - 3x - (-9)$ if $x = 7, y = -6$    | ③ <del>D</del> $5x - 4$       |
| ⑮ $5x + (-y) + 8 - 6x + 9y$ if $x = 4, y = -2$   | ⑫ <del>P</del> $-10x + y - 8$ |
| ⑯ $7 - x + 4y - 6x - 3y$ if $x = -1, y = 8$      | ⑨ <del>H</del> $-x + 5$       |
| ⑰ $-x - (-y) + (-x) - y + 5$ if $x = -3, y = -6$ | ⑥ <del>A</del> $-4y - 4$      |

-6	17	16	-18	23	22	-14	34	-9	-51	30	43	-12	-20	11	5	44