

# DPS – Das Puzzle Spiel

## D. P. Story

**Instructions:** Select a question from the center panel by clicking its checkbox. Solve the problem and find the answer listed in either the left or right panel. No guessing! A maximum of 3 tries on any problem before you get 3 penalty points! Passing is to complete the puzzle with only 4 incorrect answers.

$$\frac{H}{2} \quad \frac{e}{13} \quad \frac{l}{16} \quad \frac{l}{16} \quad \frac{o}{14} \quad \text{---} \quad \frac{J}{3} \quad \frac{ü}{9} \quad \frac{r}{7} \quad \frac{g}{11} \quad \frac{e}{13} \quad \frac{n}{10}, \quad \text{---} \quad \frac{h}{4} \quad \frac{o}{14}$$

$$\frac{w}{6} \quad \text{---} \quad \frac{a}{12} \quad \frac{r}{7} \quad \frac{e}{13} \quad \text{---} \quad \frac{v}{5} \quad \frac{o}{14} \quad \frac{u}{1} \quad \text{---} \quad \frac{t}{15} \quad \frac{o}{14} \quad \frac{d}{8} \quad \frac{a}{12} \quad \frac{v}{5}?$$

Simplify each of the expressions below, and find the answer in the column of answers.

☐ 1.  $-2(3 - x) - 4(1 - 3x)$

☐ 9.  $-3x + 2(5 - 2x)$

☐ 2.  $-5x - 2 + 3x$

☐ 10.  $6x - 5(x - 2)$

☐ 3.  $4(x + 2) - 2$

☐ 11.  $5(x - (-2))$

☐ 4.  $2 - 3(4x - 2)$

☐ 12.  $5(-2x + 4) + 3x - 2$

☐ 5.  $3(x - 3) - 2(x + 2)$

☐ 13.  $2x + 5x$

☐ 6.  $6x - 3 + x + 5$

☐ 14.  $5 - 5x + 2x - 2$

☐ 7.  $-2(3x + (-4)) + 4$

☐ 15.  $x(5 + 2) - 3x$

☐ 8.  $1 - 2(2x - 4x) + 2x$

☐ 16.  $6x - 3x + 1$

Find the correct answer

☐ r  $-6x + 12$

☐ d  $6x + 1$

☐ t  $4x$

☐ J  $4x + 6$

☐ w  $7x + 2$

☐ n  $x + 10$

☐ y  $x - 13$

☐ g  $5x + 10$

☐ h  $-12x + 8$

☐ H  $-2x - 2$

☐ l  $3x + 1$

☐ a  $-7x + 18$

☐ u  $14x - 10$

☐ e  $7x$

☐ o  $-3x + 3$

☐ ü  $-7x + 10$