

# Combining Like Terms

$$\textcircled{1} -4x + 9x$$

$$\textcircled{2} 6y - 8y$$

$$\textcircled{3} -7x + x$$

$$\textcircled{4} 9y - y$$

$$\textcircled{5} -5x - 5x$$

$$\textcircled{6} 3y - 7y$$

$$\textcircled{7} -x - 8x + 7$$

$$\textcircled{8} y - 2y - 3$$

$$\textcircled{9} 5 + 5x - 4x$$

$$\textcircled{10} 3y - 6 + 7y - 4y$$

$$\textcircled{11} -9x - 5 - 8 + x$$

$$\textcircled{12} 6 - y + 5y - 6y$$

$$\textcircled{13} 3x - 8y + 2x - 5 - 5y$$

$$\textcircled{14} -9x + 3 + 2x - 9y - 8$$

$$\textcircled{15} 5 + 6x - 3y + x + 8y$$

$$\textcircled{16} -4x - 4 + x - 2y + 7x$$

$$\textcircled{17} -8x + 7y - x - 6y + 4x$$

$$\textcircled{18} x + 5 - 2x + 3y - y$$

$$\textcircled{19} 9x - 3y + 7 - 4x + y - 3$$

$$\textcircled{20} -x - 3 + 5x + 6y + 8x - 9$$

$$\textcircled{21} 4x - 4 - 8y + 8 - 5x + 1$$

$$\textcircled{22} 3x - x + 6y - 4x - y$$

$$\textcircled{23} 2x + 2y - x - y - 7 + 5y$$

$$\textcircled{24} 6x - 8x - 4y - x + 5y - 2y$$

$$25) 4y + 3x + 2y + 9x + 4$$

$$26) 3 + 7x + 7y + 8x + 9$$

$$27) 5x + 8 + 3y + 2x + 8y$$

$$28) 6y + 9 + y + 7x + 6$$

$$29) 1 + 8x + 3y + x + 9y$$

$$30) x + 7y + 9 + 3y + 6y$$

$$31) 2y + 7 + y + 9y + 4$$

$$32) 5x + 6y + 3x + 7y + x$$

$$33) 3z + 6u + 8z + 9 + u$$

$$34) 4 + 3z + 7z + 8 + 4z$$

$$35) 5u + 3z + 9 + 9z + 9u$$

$$36) z + 6 + 4z + 9 + 8u$$

$$37) 9 + 6u + 3z + 8u + z$$

$$38) 2u + 4 + 3z + 6 + 9$$

$$39) 5u + 7z + 6u + u + 4z$$

$$40) 2z + 8z + 3u + 6z + 4u$$

## Why Is Belly Dancing Illegal in Schlumpville?

Simplify each expression below and find your answer in the corresponding answer column. Write the letter of that exercise in the box that contains the number of the answer.

(R) $6x + 9 + 2x$	(6) $9x + 8$	(H) $4x + 2y + 7 + 4x + 3y$	(18) $12x + 17y$																								
(T) $7 + 3x + 4$	(4) $6x$	(A) $8y + 6 + 8x + y + 3$	(9) $10x + 7y + 13$																								
(E) $8 + 2x + 7x$	(17) $7x + 7$	(F) $7x + 4x + 6y + x + 9y$	(13) $8x + 9y + 9$																								
(I) $8x + 7 + 3x + 2$	(8) $8x + 9$	(O) $2x + 5 + 7y + 8x + 8$	(11) $x + 6y$																								
(Y) $5x + x$	(10) $11x + 9$	(E) $3y + 7 + 5y + y + 1$	(22) $12x + 15y$																								
(W) $9x + 8 + x$	(20) $3x + 11$	(I) $6x + 6y + 6x + 7y + 4y$	(3) $9y + 8$																								
(A) $6 + 4x + 1 + 3x$	(12) $10x + 8$	(T) $\frac{1}{2}x + \frac{1}{2}x + 6y$	(2) $8x + 5y + 7$																								
(O) $3t + 4u + 6t$	(14) $7t + 13u$	(A) $\frac{1}{2}n + 3w + \frac{1}{2}n + w$	(5) $3n + 10w + 12$																								
(E) $9u + 4 + 8t + 3u$	(21) $9t + 4u$	(E) $n + 8w + 5w + 3 + 5w$	(7) $n + 4w$																								
(T) $7 + u + 9t + 5u$	(15) $16t + 4u$	(H) $4w + 5 + 3n + 6w + 7$	(24) $n + 10w + 6$																								
(S) $6t + 4u + t + 9u$	(25) $8t + 12u + 4$	(G) $2n + 4w + 5n + w + 9n$	(16) $7n + 2w$																								
(R) $2t + 4 + 8u + 2t$	(1) $9t + 6u + 7$	(N) $w + w + n + 8w + 6$	(23) $n + 18w + 3$																								
(A) $3u + 7t + 9t + u$	(28) $8t + u + 13$	(S) $6n + 2n + 7w + 2 + 3n$	(19) $11n + 7w + 2$																								
(Y) $8t + 1 + u + 12$	(26) $4t + 8u + 4$	(W) $\frac{3}{2}w + 7n + \frac{1}{2}w$	(27) $16n + 5w$																								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28

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(A) $6 + 4x + 1 + 3x$	(12) $10x + 8$	(T) $\frac{1}{2}x + \frac{1}{2}x + 6y$	(2) $8x + 5y + 7$																								
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(R) $2t + 4 + 8u + 2t$	(1) $9t + 6u + 7$	(N) $w + w + n + 8w + 6$	(23) $n + 18w + 3$																								
(A) $3u + 7t + 9t + u$	(28) $8t + u + 13$	(S) $6n + 2n + 7w + 2 + 3n$	(19) $11n + 7w + 2$																								
(Y) $8t + 1 + u + 12$	(26) $4t + 8u + 4$	(W) $\frac{3}{2}w + 7n + \frac{1}{2}w$	(27) $16n + 5w$																								
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