

Name \_\_\_\_\_ Date \_\_\_\_\_

## Practice Combining Like Terms Puzzle

*Simplify each expression by combining like terms. Find the answer at the bottom of the page. Then write the letter on the appropriate line below to spell out a secret message. (Some letters may be used more than once!)*

**Did you hear the one about the acupuncture?**

$\frac{\quad}{1} \quad \frac{\quad}{2} \quad \frac{\quad}{3} \quad \frac{\quad}{4} \quad \frac{\quad}{5} \quad \frac{\quad}{6} \quad \frac{\quad}{7} \quad \frac{\quad}{8} \quad \frac{\quad}{9}$   
 $\frac{\quad}{10} \quad \frac{\quad}{11} \quad \frac{\quad}{12} \quad \frac{\quad}{13} \quad \frac{\quad}{14} \quad \frac{\quad}{15} \quad \frac{\quad}{16} \quad \frac{\quad}{17} \quad !$

1. $2m + 3m^2 - 4m$	2. $2x + x - 4y$	3. $2m + 4m - 3m^2$	4. $2y + 14x - 7x + 9y$
5. $8n - 4n^2 + 8n$	6. $11g - 9g + 8g$	7. $3m^2 - 2m + 4m$	8. $20 + 10q + 3q - 4$
9. $4xy + x + 2xy$	10. $6m^2 + 6m - 9m^2$	11. $3n - 6mn + 2n$	12. $\frac{3}{2}x - y + \frac{1}{2}x + 3y$
13. $y + x + y + x$	14. $8n + 4n^2 - 8n$	15. $5 + 5mn - 11mn$	16. $15y + 6y - 3x + xy$
17. $3xy - 5xy + 21y$			

**I.**  $3m^2 - 2m$   
**S.**  $-4n^2 + 16n$   
**E.**  $-2xy + 21y$   
**O.**  $-6mn + 5$   
**T.**  $3x - 4y$

**N.**  $-3x + xy + 21y$   
**W.**  $-3m^2 + 6m$   
**J.**  $3m^2 + 2m$   
**B.**  $x + 6xy$   
**A.**  $10g$

**A.**  $7x + 11y$   
**E.**  $-6mn + 5n$   
**A.**  $13q + 16$   
**L.**  $2x + 2y$   
**D.**  $4n^2$