

Combining Like Terms

Name _____

Date _____ Period _____

Simplify by combining like terms.

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|-------------------------------|------------|--------------------------------|-------|
| 1. $4x + 13x + 9x$ | <u>26x</u> | 2. $2c + 15c + 21c$ | _____ |
| 3. $9y - 21y + 14y$ | _____ | 4. $7z - 19z + 23z$ | _____ |
| 5. $43a + 32a + 25$ | _____ | 6. $26r + 12 + 19r$ | _____ |
| 7. $32xy - 19xy$ | _____ | 8. $16cd - 31cd$ | _____ |
| 9. $7xyz - 19xyz$ | _____ | 10. $23cde - 12cde$ | _____ |
| 11. $8x - 7y + 5x - 19y$ | _____ | 12. $18c - 9d - 22c + 14d$ | _____ |
| 13. $9a - 13a + 7 - 22a$ | _____ | 14. $5m + 3 + 19m - 22m$ | _____ |
| 15. $32c - 23 - 14c - 31$ | _____ | 16. $42x + 33 - 12x - 42$ | _____ |
| 17. $9ab - 7b + 8ab + 3b$ | _____ | 18. $8rs - 17s - 19s - 16rs$ | _____ |
| 19. $7x^2y - 9x^2y - 2x^2y$ | _____ | 20. $6a^3 - 9a^3 + 25a^3$ | _____ |
| 21. $22m^2n + 3m^2n - 15$ | _____ | 22. $-21c^2d - 31c^2d + 9$ | _____ |
| 23. $55a^2 - b + 11a^2$ | _____ | 24. $17x^3 - 11y^2 - 14x^3$ | _____ |
| 25. $r^2s + r^2s + r^2s$ | _____ | 26. $ab^3 + ab^3 + ab^3$ | _____ |
| 27. $6xy^2 - 15xy^2 + 10x^2y$ | _____ | 28. $19a^2b - 22ab^2 + 15ab^2$ | _____ |
| 29. $45x^2 - 22y + 11x^2$ | _____ | 30. $24a^2 + 16b^2 - 17a^2$ | _____ |
| 31. $-25abc^2 + 44abc^2$ | _____ | 32. $-57x^2y^2z - 88x^2y^2z$ | _____ |