

Name:

Date:

Period:

Combine "like" terms. Don't forget to distribute the "-1" when necessary.

1. $(5w^2 + 8w) + (2w^2 + 3w)$

w^2	w
$5w^2$	$+ 8w$
$2w^2$	$+ 3w$
$7w^2$	$+ 11w$
$7w^2 + 11w$	

2. $(3x^2 - x) + (2x^2 + 3x)$

x^2	x

3. $(x^2 + 3x - 10) + (x^2 + 5x - 14)$

x^2	x	$\#$

4. $(7a + 2) - (5a + 1)$
Distribute the "-1" before lining up

a	$\#$
$7a$	2
$-5a$	-1
$2a$	$+1$
$2a + 1$	

5. $(x^2 + 1) - (x^2 - 1)$

x^2	$\#$

6. $(x^2 + 7x + 3) - (x^2 + 7x + 3)$

x^2	x	$\#$

7. $(x - y) + (x + y)$

x	y

8. $(5r - 3s) - (7r + 5s)$

r	s

9. $(14x^2 - 22) - (14x + 5)$

x^2	x	$\#$

10. $(6x^2 + 7x - 2) + (3x^2 - 4x + 10)$

x^2	x	$\#$

11. $(12x^2 - 8x + 7) + (15x^2 + 4x - 1)$

x^2	x	$\#$

12. $(11x^2 + 5x) - (7x^2 + 3)$

x^2	x	$\#$

13. $(3x + 6y + 2) + (-9x - 2y + 8)$

x	y	$\#$

14. $(x^2 + 3) - (6 + 4x)$

x^2	x	$\#$

15. $(4a + 6ab - 2b) + (-5a - 2ab)$

a	ab	b

16. $(9x^2 + 6x - 5) + (-2x^2 - x + 7)$

17. $(-15x^2 + 5x + 2) + (3x^2 + 7)$

18. $(-2x + 3y - 4z) + (-5x + 10y)$

19. $(4x^2 - 3x - 7) - (-5x^2 - 9x + 12)$

20. $(-9x^2 + 7x + 7) - (6x^2 - 2x - 7)$

21. $(-8y^2 + 7y - 3) - (15y^2 - 9y + 4)$

22. $(4b^2 - 3b + 7) + (-8b^2 - 5b + 16)$

23. $(12z^2 - 8z + 17) + (21z - 8)$

24. $(6y^2 + 13y - 8) - (4y^2 - 8y + 7)$

25. $(24x^2 - 14xy - 3y^2) + (6x^2 - 47xy - 63y^2)$

26. $(14n^2 - 8nt + 12t^2) - (-12n^2 + 15nt - 13t^2)$

27. $(18a^2 - 9ab - 4b^2) + (5a^2 + 3ab + 9b^2)$

28. $(5m^3 - 84m^2 - 26m) - (8m^2 - 9m - 2)$