

Name _____
Period _____

JMJ

Date _____
Miss Pisciotta

Combining Like Terms Worksheet

PART A: Combine like terms.

1) $-5x - x =$ _____

4) $-3x + 2x =$ _____

2) $2n - 6n =$ _____

5) $-9p - 4p =$ _____

3) $-4n + 10n =$ _____

PART B: Simplify and combine like terms.

6) $3x + 7y - 4y + 7x =$ _____

9) $-6xy + 8ab - 8xy - 4ab =$ _____

7) $14x^2y^2 - 8x^2y + 3x^2y^2 =$ _____

10) $-70r^3s - 54sr - 21sr - 23r^3s =$ _____

8) $8n^3m^2 + 17ab^2 - 12rs + 4xy - 8sr - 23ab^2 + 10xy - 5n^3m^2 =$ _____

PART C: Simplify and combine like terms and constants.

11) $9a + 9a + 4 =$ _____

16) $4a - 9a + 10 + 3 =$ _____

12) $6r + r + 7 =$ _____

17) $-3x + 7 + 2x =$ _____

13) $-5v + 3v + 2 + 10 =$ _____

18) $5b - 2 + 5 + 4b =$ _____

14) $10x + 3x + 9 - 4 =$ _____

19) $-8ab - 14 - 3 - 4ab =$ _____

15) $-k + 3n + 4k - 8 - 2n =$ _____

20) $x - 6y + 6 + 10 + 3x - 4y =$ _____

PART D: Simplify the equation by combining like terms.

21) $-50y + 25nm - 5 - 25y + 15 - 12nm = 100$

22) $16ab + 17xy - 23 - 8xy - 12 + 22ab - 34n = 212$

23) why can't these questions be solved?

24) Why can't $3xy$ and $3xy^2$ be combined?

Combine like terms. Then solve.

25) $7z - 2z = -30$

28) $4a + 3a = -21$

26) $4x - x = 18$

29) $-8x - 2x + 5 = -25$

27) $5 - z - z = -1$

30) $28 - a + 4a = 7$

Try These!! Combine and then solve.

31) $7x - 6 + 2x = 12$

34) $4x - 10 + 5x = 36$

32) $9d - 3 - 10d = 6$

35) $7x + 13 - 8x - 3 = 20$

33)

36)