

The Distributive Property and
Combining Like Terms Worksheet #2

Name: _____

Date: _____ Pd: _____

Name the coefficient of each term.

1. $-3h$ 2. $\frac{x}{5}$ 3. d 4. $\frac{2xy}{3}$

Simplify each expression. Write your answer in standard form.

5. $6+3-n$

6. $4a^2+2b^2+5b^2$

7. $18n+5m+6n-3m$

8. $2(8+x)-3x$

9. $15b+5(3b-2a)$

10. $3(x-y)+9(y-z)$

11. $5(13-3x)-3(x+50)$

12. $5a^2+6b-2a(a+b)$

13. $16x^2+8x+4y+8y^2$

14. $(18x+3w)2+3(w-10x)$

15. $0.75(2x-3y)-1.2(y+3x)$

16. $5\frac{1}{2}z(x-y)+(z-y)\frac{x}{2}$

17. $\frac{12y-8}{-4}$

18. $\frac{-6p+15}{6}$

19. $\frac{2y-4z}{-2} - \frac{9z-6y}{3}$

20. $\frac{5-25x}{10} + \frac{-18-21x}{-12}$

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

22. $a + a(2 + b)$

Evaluate each expression for the given values.

23. $\frac{2y-x}{x}$ when $x=1$ and $y=-4$

24. $\frac{4x}{3y+x}$ when $x=6$ and $y=-8$

25. $\frac{-9x}{y^2-1}$ when $x=-3$ and $y=-2$

26. $\frac{y-x}{xy}$ when $x=-6$ and $y=-2$