Name _____Period_____

HW3-2 Simplifying Like Terms

A. $5a + a$

B. $k - k$

C. $10b - b + 1$

D. $9ab + 8ab - 7ab$

E. $m + 3m - 8$

F. $6x + 3y + 6y - 2x$

G. $3xy + 2xy - xy$

H. $18 + 7x - 14xy + 5x$

I. $12a^3 + 3a + 18a^2 - 9a$

Simplify each expression.

1. $8y + 2y$

2. $9m + 2m$

3. $13a + 7a$

4. $5x + x$

5. $d + 10d$

6. $z + z$

7. $8y + 2y + 3y$

8. $9m + 2m + 3m$

9. $13a + 7a + 2a$

10. $10r + 100s + 50r$

11. $15a + 7j - 8$

12. $5r + 9y - 2r$

13. $14 + 3u - 10$

14. $6d + d + 15$

15. $q + 4 + 11 + 4q$

Simplify each expression.

16. $6t+4y-3y+3t$

17. $14+9h+3-2h$

18. $12f-8f-15$

19. $3+2b+b$

20. $7+g+g-7$

21. $8k+4w+k-4w$

22. $7rt-3rt+6y$

23. $ab+ab+2bc$

24. y^2+y^2

25. $5x^2-2x^2-6x$

26. $3b^2+b^3+4b^3$

27. $13-2z^3+2+z^2$

28. $y^2+9-y^3+4y^2$

29. $12y-8+4y+y$

30. $-m+2n+4m-n$

Simplify the perimeter of each polygon below.

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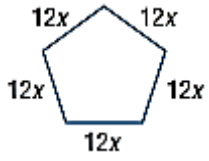

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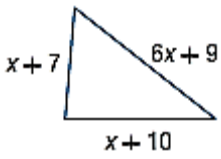
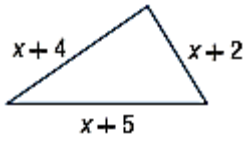
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