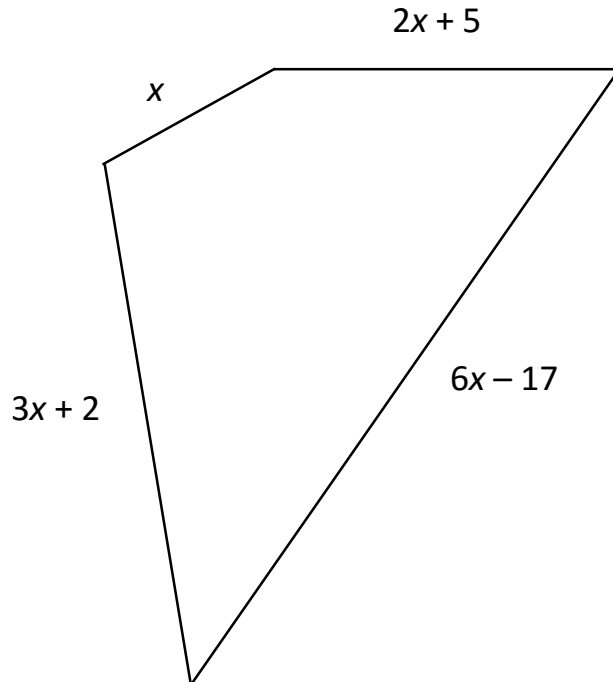


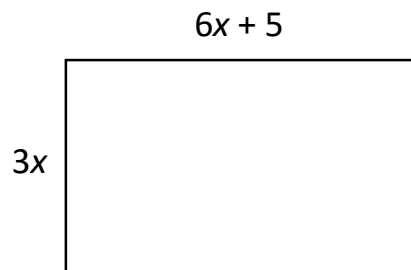
Name: _____ Class: _____

1. $3a + 4a$
2. $-12b + 6b - 4b$
3. $5a^2 - 6a + 7a^2 + 3a - 2 + 8a + 7$
4. $9x^3 - 7x^2 + 4x^2 - x + 4x^3 - 3x^2$
5. $2h^2 - 7h + 2h^2 - h + 6 + 4h - 9h$
6. $4ab - 6ab + 3a^2b + 4ab^2 + 5a^2b$
7. $7xy - 4x^2y^2 + 2xy^2 + 6xy + 3x^2y^2 - 7x^2y^2$
8. $4h^4j - 14h^3j^2 + 16h^2j^2 + 13h^4j + 15h^3j^2 - 17h^4j$
9. $8x^3y^2 - 7x^2y + 8x + 4 - 6x^3y^2 + 2x^2y + 4x^2y - 3x + 5$
10. $3r^3t + 5rt^2 - 6rt + 5 + 4rt - 3 + 6rt^2$
11. $8x^4 - 7x^3 + 4x^4 + 2y^3 - 7xy + 3y^3 + 12xy$
12. $3a^3b + 4a^2b^2 - 7a^3b + 2ab - 5a^2b^2 + 10a^3b$
13. $5y^5 + 4y^4 + 3y^3 - 6y^2 + 8 - 7y^3 + 11 - 6y^3$
14. $10c^2d^2 + 6cd^3 - 3c^2d + 5c^2d^2 - 4cd^3 + 3c^2d^2$
15. $4x^3 + 3x^2y + 2xy^2 - 6y^3 + 5x^3 - 25y^3 + 3xy^2$
16. $(3x^2 + 2xy + 4y^2) + (6x^2 - 5xy + 3y^2) + (9x^2 - 25y^2)$
17. $(4a^3 + 7a^2b + 6b^3) + (a^3 + 2a^2b + 4b^3)$
18. $(2x^2 - 3x + 6) + (5x^2 - 9x + 4) + (8x^2 + 12x)$
19. $(3x^2 - 4x + 7) + (3x - 3x^2) + (x - 7)$
20. $(12ab^2 - 7a^2b) + (3ab + 4a^2b + 6ab^2)$

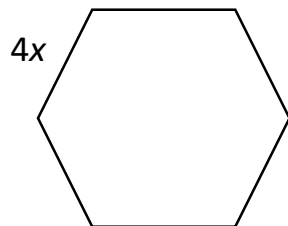
21. Write an expression for the perimeter of the figure below.



22. Write an expression for the perimeter of the rectangle below.



23. Write an expression for the perimeter of the regular hexagon below.



24. Write the expression for the perimeter of a rectangle with a length that is 5 inches longer than its width.

25. Write the expression for the perimeter of a rectangle with a length that is 4 centimeters longer than three times its width.