

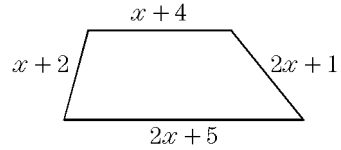
Polynomials - Adding (Unit 2)

Name: _____

Date: _____

1. Simplify: $(3x^2 - 5x + 9) + (7x^2 + 8x - 15)$
2. Find the sum of $7x^2 - 3x + 5$ and $8x + 2$.
3. Express the sum of $3x^2 - 2x + 5$ and $x^2 + 2x - 8$ in simplest form.
4. Express the sum of $2r^2 - 5r - 1$ and $-2r^2 - 3r + 3$ in simplest form.
5. From the sum of $3x^2 - 7x + 5$ and $x^2 - 4x - 9$, subtract $5x^2 - 8x - 7$
6. The side of a square is $3x - 2$. Express the perimeter of the square in terms of x .
7. The length of a side of a square is represented by $4x - 1$. Express the perimeter of the square in terms of x

8. The sides of a quadrilateral are shown below. Express the perimeter in terms of x .



9. The lengths of the sides of a triangle are $2x + 1$, $3x - 2$ and $4x - 5$. Express the perimeter of the triangle in terms of x .

10. What is the total length of all the edges in the figure shown?

