

Adding Polynomials:

1. $(4x + 2) + (x - 1)$ _____


2. $(4x^2 - 7x) + (2x^2 - 3x + 2)$

3. $(4x + 3x^2 + 5) + (-6x + 12)$

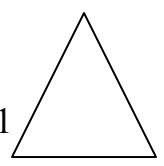
4. $(5x - 2y + 4) + (2x + y + 2)$

5. $(3x^3 - 5x - 2) + (2x + 2 - x^3)$

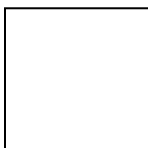
Polynomials: Perimeter (Adding up all the sides)

1.  $3x - 4$
 $5x + 2$

1. What is the perimeter for the rectangle?

2.  $3x - 1$ $4x^2 + 1$
 $x^2 - 2x + 1$

2. What is the perimeter for the triangle?

3. 

3. What is the perimeter for the square?

$$5x + 2$$

4.



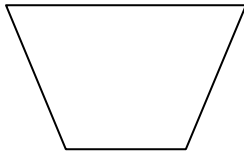
$$3x^2 - 1$$

$$x^2 - 4x + 3$$

4. What is the perimeter for the parallelogram?

5.

$$3x + 2$$



$$4x$$

$$\frac{1}{2}x + 1$$

5. What is the perimeter of the isosceles trapezoid?

6. Alexander walked around a square path with side length $3x + 8$. What total distance did he travel? Leave the answer in terms of x .

7. If you wanted to find the area of a rectangle, can you add up all the sides? Why or why not? Explain. _____

