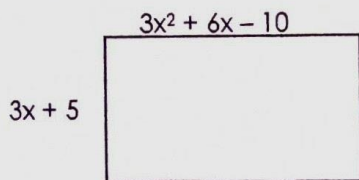


Name _____ Period _____ Date _____

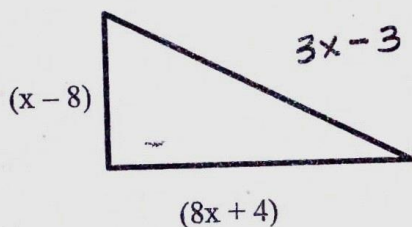
Finding Perimeter and Area Using Polynomials (Notes)

1. What is the distance around the rectangle if the length is $3x^2 + 6x - 10$ and the width is

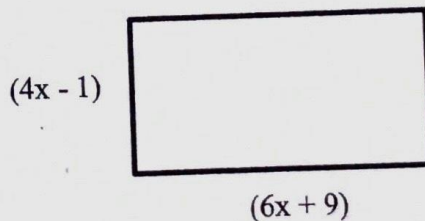
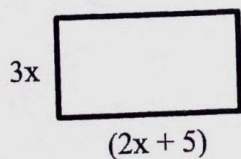
$3x + 5$?



2. The perimeter of the triangle below is



3. Find the area of rectangles.

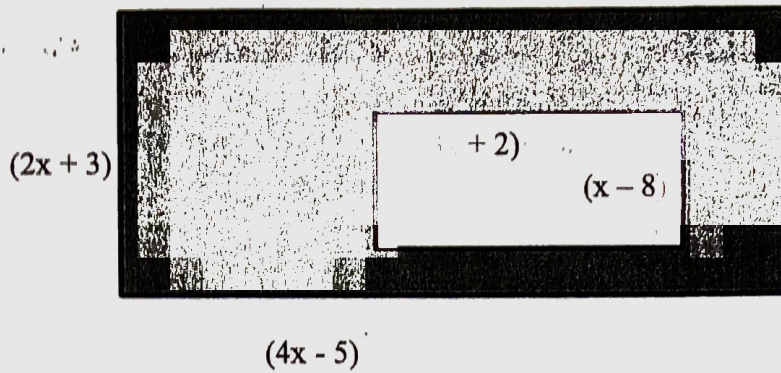


Area: _____

Area: _____

4. One side of a triangle has a length of $8m^2 - 6m - 14$. Another side has length of $25 - 3m$. The last side has a length of $1 - m - m^2$. What is the perimeter, in terms of m , of the triangle.

5. Find the area of the shaded region.



Shaded region: _____

6. Find the perimeter and area of a rectangle with a length of $(6x - 10)$ and a width of $(4x + 3)$.

Perimeter: _____

Area: _____