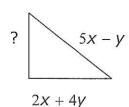
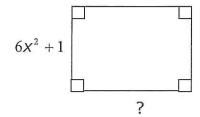
ame:	Period:			
OMETRIC APPLICATIONS:				
d the area and the perimeter of swers in the calculator.	of the following geometric figures. Show your wo	rk. Be sure to c	heck y	our
1) Find the <u>area and perimet</u>	er of a square with side length $(3x+2)$.			
Area:	Check your answer:	x	\mathcal{Y}_1	
	$y_1 =$			
	$y_2 =$			
			.	
Perimeter:	Check your answer:	x	\mathcal{Y}_1	\mathcal{Y}_2
	$y_1 =$			
	$y_2 =$			
Find the <u>area and perimet</u>	er of a rectangle with dimensions of $(x-2)$ and ((2x+1).		
Area:	Check your answer:		y_1	<i>y</i> ₂
	$y_1 =$			
	$y_2 =$			
•		x	<i>y</i> ₁	y ₂
Perimeter:	Check your answer:			. 2
	$y_1 =$			
	$y_2 =$			

Some of the measures of polygons are given. P represents the measure of the perimeter. Find the measure of the other side or sides.

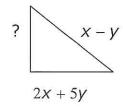
1. P = 10x + 6y



2. $P = 16x^2 - 8x + 6$



3. P = 5x - 3y

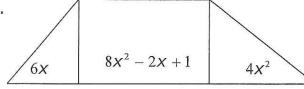


4. $P = 12x^2 + 6x + 10$

$$2x^2 + x + 2$$

Find the total area of the polygon, given the area of each of its parts.

5.



__+___+__=__

6.

