For #1 & 2 a. Circle if each sequence is arithmetic, b. Write a formula for the sequence <b>if</b> if c. Find the next three terms in each seq	geometric, quadratic, or nor <b>t is arithmetic or geometric</b> . quence.	ne of these	2.		
1. 15, 23, 31, 39	Circle One:	А	G	Q	None
	Formula (if A or G):				
	Next 3 terms:,,				
2. 5, 10, 20, 40	Circle One: Formula (if A or G): Next 3 terms:	A ,	G _,	Q	None
3. 5, 11, 19, 29	Circle One:	А	G	Q	None
	Formula (if A or G):				
	Next 3 terms:	/	,,		

x

## 4. Graph the quadratic equation with a table of values





5. Solve the system of equations by graphing.

$$2x + 3y = 9$$

$$2x + y = -1$$



Write each equation in standard form and solve for x.

6.  $5x - 8 = 2x^2 - 7x + 2$ 

7.  $x^2 + 18 = 5x^2 - 6x$