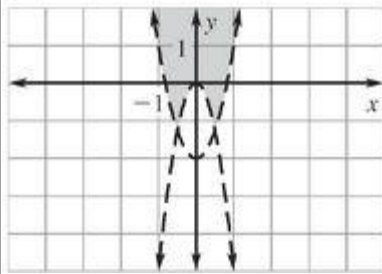


$$y > -5x^2$$

$$y > 3x^2 - 2$$

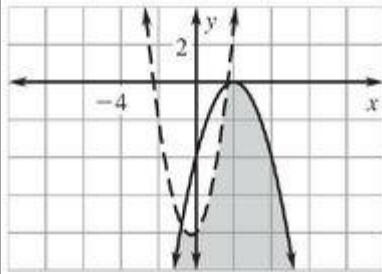
21.



$$y \leq -x^2 + 4x - 4$$

$$y < 2x^2 + x - 8$$

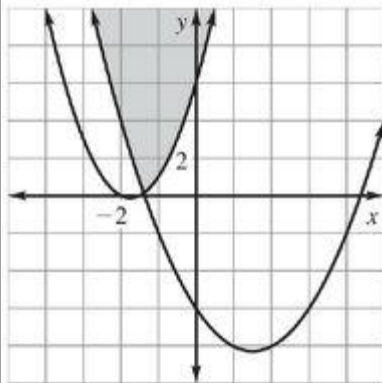
23.



$$y \geq x^2 - 3x - 6$$

$$y \geq 2x^2 + 7x + 6$$

25.



27.	$x^2 + 2x - 3 > 0$						
	x	-5	-4	-3	-2	-1	
	$x^2 + 2x - 3$	12	5	0	-3	-4	
	x	0	1	2	3		
	$x^2 + 2x - 3$	-3	0	5	12		
The solution of the inequality is $x < -3$ or $x > 1$.							
29.	$x^2 - 2x \geq 8$						
	$x^2 - 2x - 8 \geq 0$						
	x	-4	-3	-2	-1	0	1
	$x^2 + 2x - 8$	16	7	0	-5	-8	-9
	x	2	3	4	5	6	
	$x^2 + 2x - 8$	-8	-5	0	7	16	
The solution of the inequality is $x \leq -2$ or $x \geq 4$.							
31.	$x^2 - 10x < -16$						
	$x^2 - 10x + 16 < 0$						
	x	0	1	2	3	4	5
	$x^2 - 10x + 16$	16	7	0	-5	-8	-9
	x	6	7	8	9	10	
	$x^2 - 10x + 16$	-8	-5	0	7	16	
The solution of the inequality is $2 < x < 8$.							

$$3x^2 - 6x - 2 \leq 7$$

$$3x^2 - 6x - 9 \leq 0$$

$$x^2 - 2x - 3 \leq 0$$

33.

x	-3	-2	-1	0	1	2
$x^2 - 2x - 3$	12	5	0	-3	-4	-3

x	3	4	5
$x^2 - 2x - 3$	0	5	12

The solution of the inequality is $-1 \leq x \leq 3$.

$$x^2 - 6x < 0$$

$$x^2 - 6x = 0$$

$$x(x - 6) = 0$$

35.

$$x = 0 \text{ or } x = 6$$

The solution of the inequality is $0 < x < 6$.

