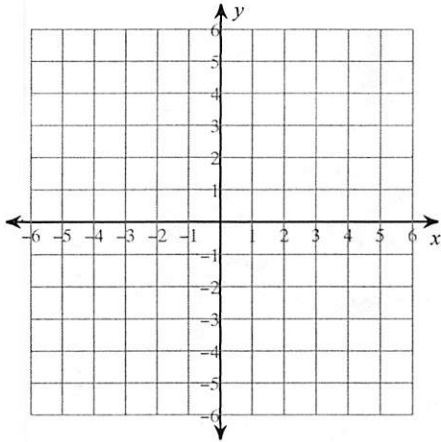


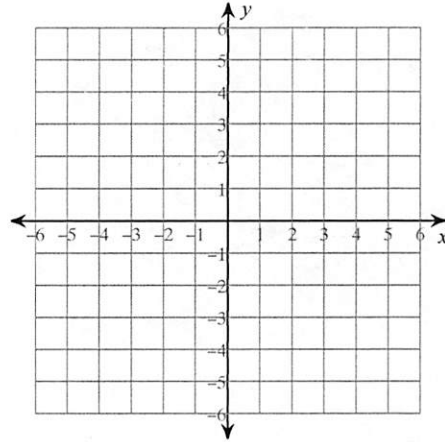
Section 2.7

Sketch the graph of each linear inequality.

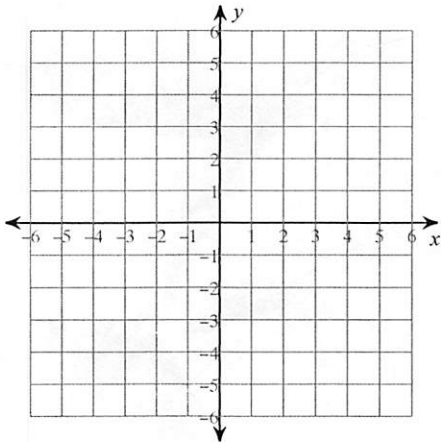
1) $y > -7x - 5$



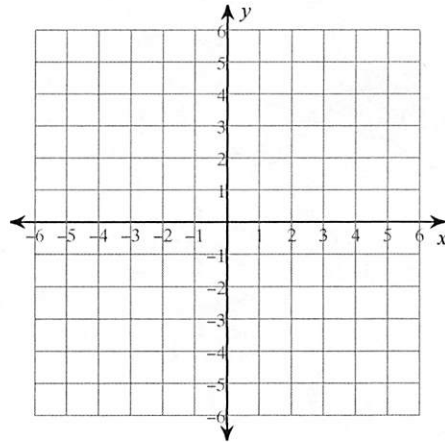
2) $y < \frac{2}{3}x$



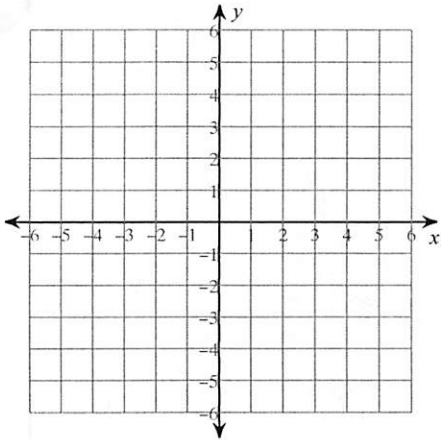
3) $y \leq -\frac{3}{2}x - 3$



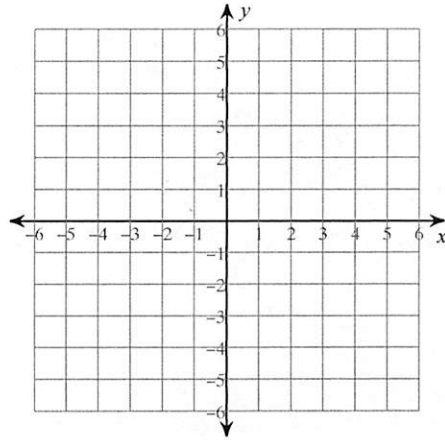
4) $y \geq -\frac{2}{5}x + 4$



5) $2x + y < 2$



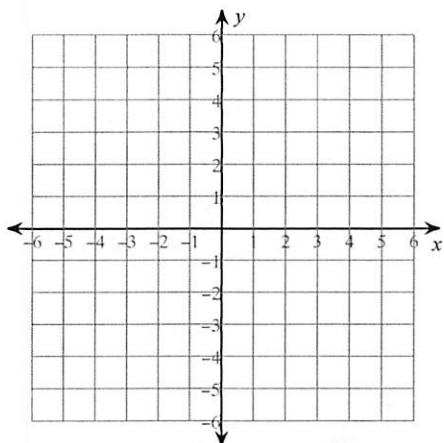
6) $x - y < -5$



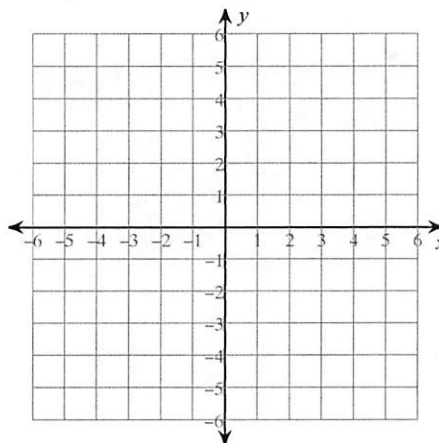
Section 2.7

Graph each inequality.

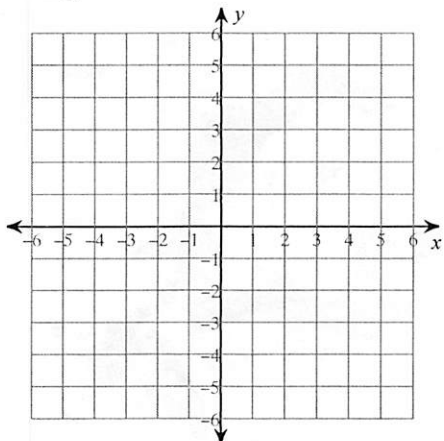
1) $y < 2|x - 3| - 3$



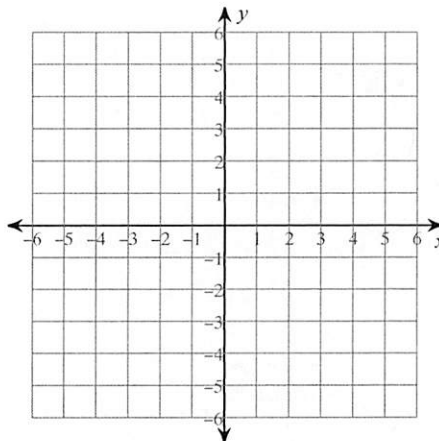
2) $y \geq -2|x + 4| - 1$



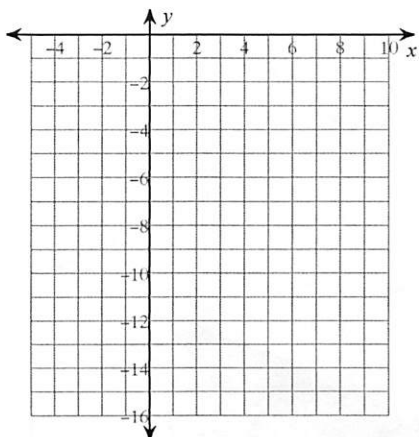
3) $y \leq 3|x - 2| + 1$



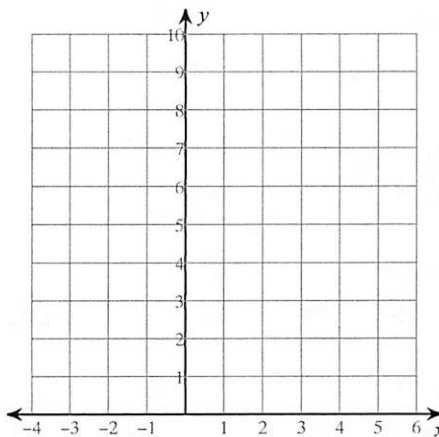
4) $y \geq -3|x| + 4$



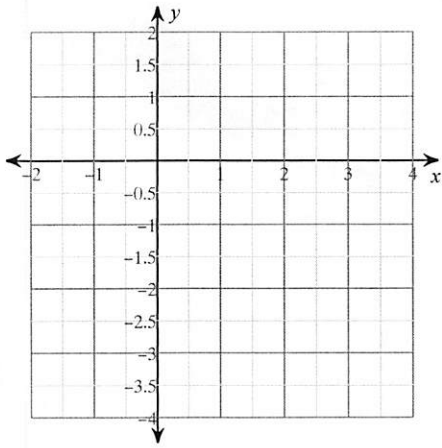
5) $y > -3(x - 4)^2 - 3$



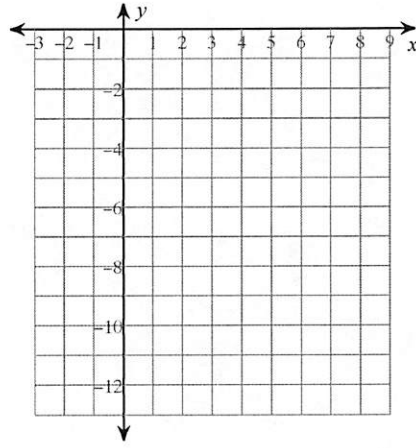
6) $y > 2(x - 3)^2 + 1$



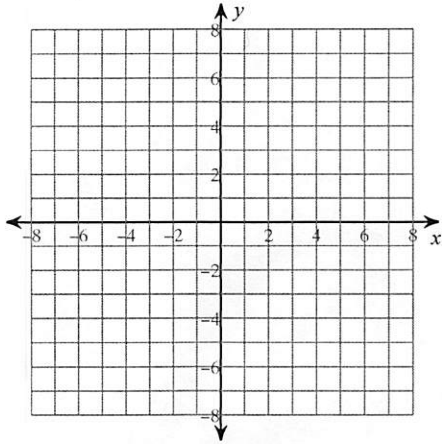
$$7) y \geq (x - 1)^2 - 3$$



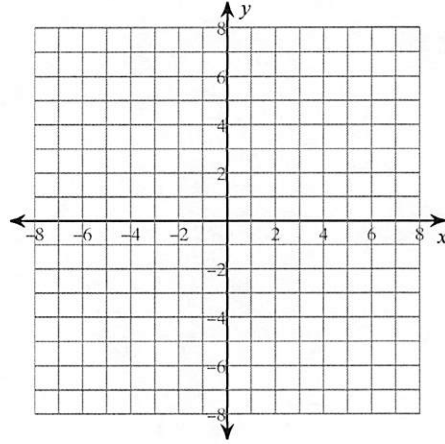
$$8) y > -2(x - 3)^2 - 4$$



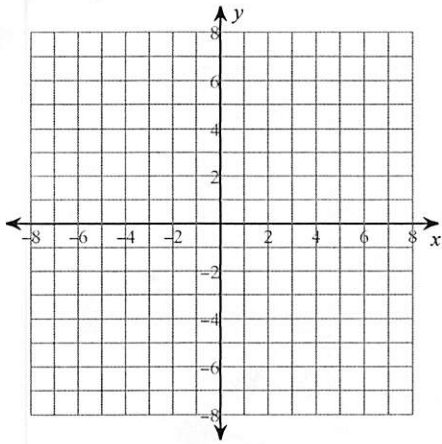
$$9) y \leq 3\sqrt{x} - 5$$



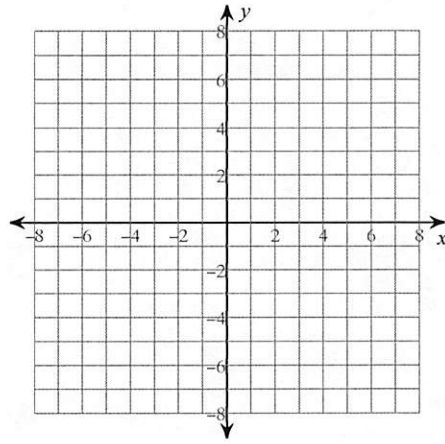
$$10) y > 2\sqrt{x+4}$$



$$11) y \geq -2\sqrt{x} + 2$$



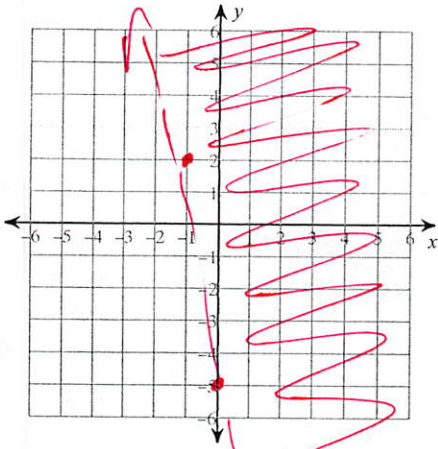
$$12) y \leq -3\sqrt{x+3} + 2$$



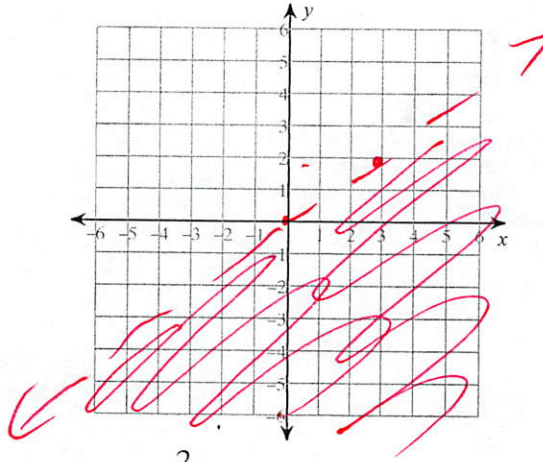
Section 2.7

Sketch the graph of each linear inequality.

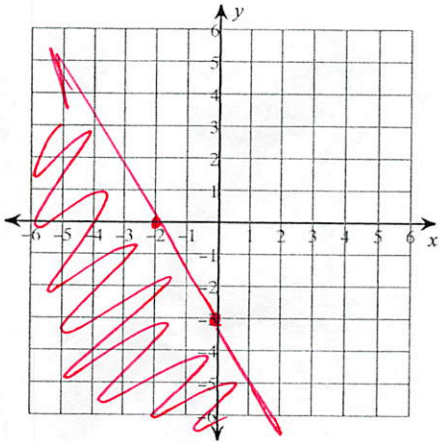
1) $y > -7x - 5$



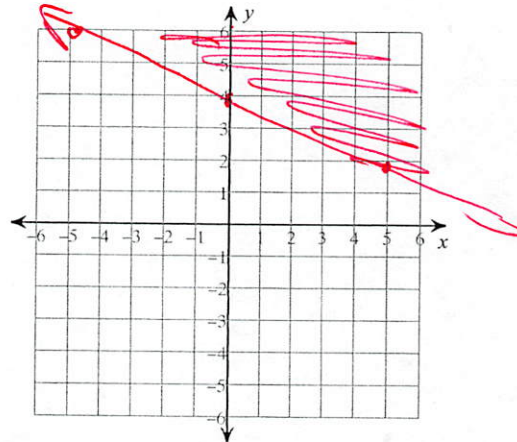
2) $y < \frac{2}{3}x$



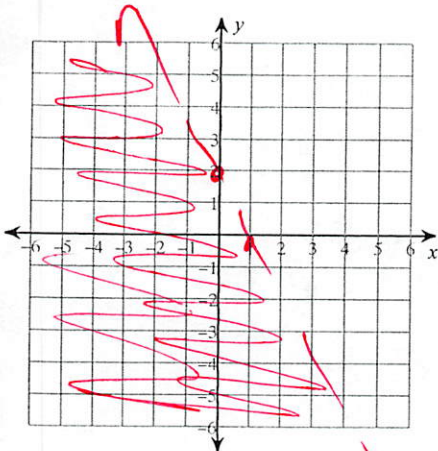
3) $y \leq -\frac{3}{2}x - 3$



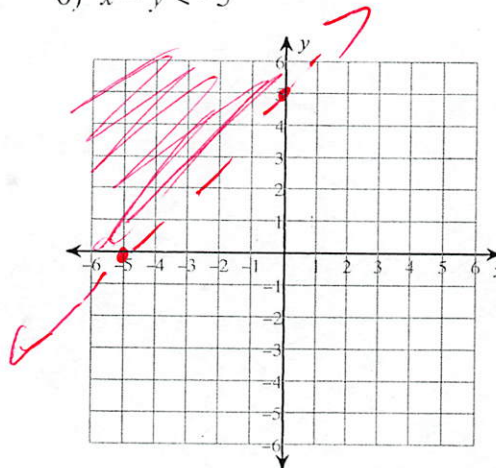
4) $y \geq -\frac{2}{5}x + 4$



5) $2x + y < 2$



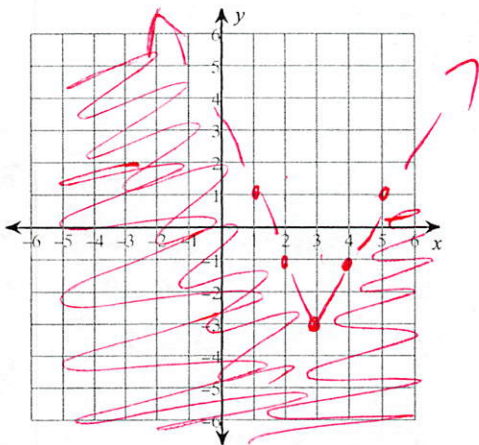
6) $x - y < -5$



Section 2.7

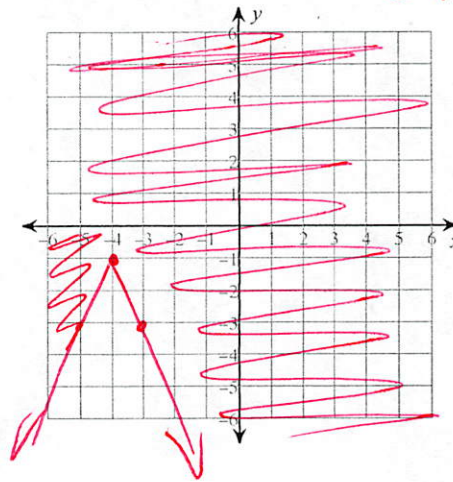
Graph each inequality.

1) $y < 2|x - 3| - 3$



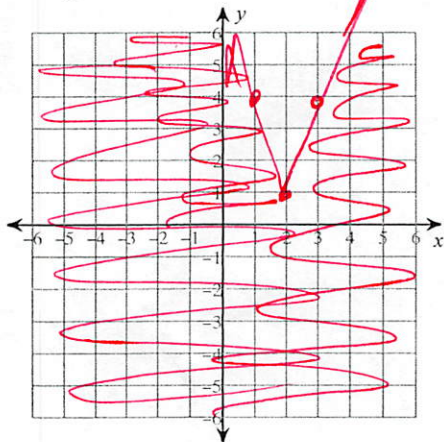
2) $y \geq -2|x + 4| - 1$

$0 \geq -2|4| - 1$
 $0 \geq -9$



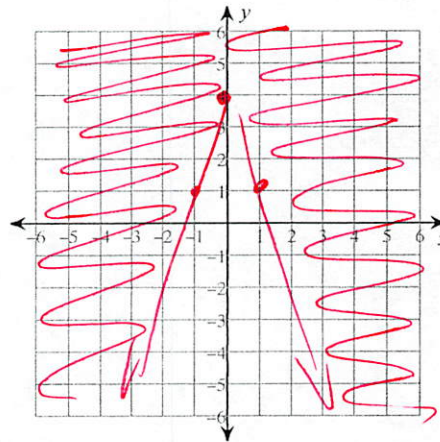
3) $y \leq 3|x - 2| + 1$

$0 \leq 3|-2| + 1$

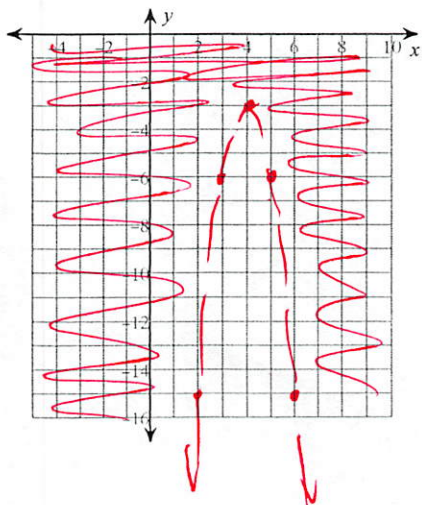


4) $y \geq -3|x| + 4$

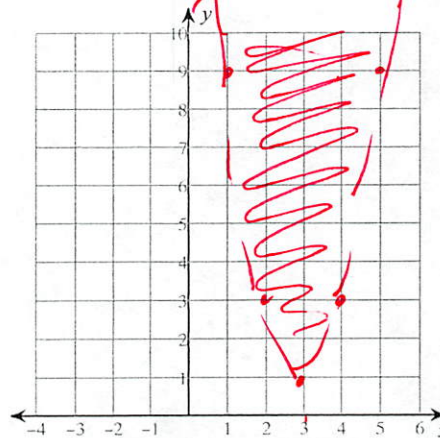
$0 \geq 4$



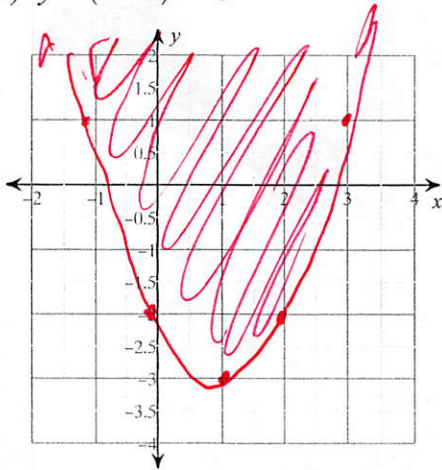
5) $y > -3(x - 4)^2 - 3$



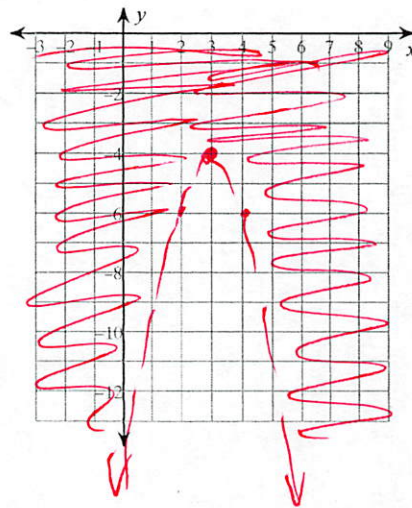
6) $y > 2(x - 3)^2 + 1$



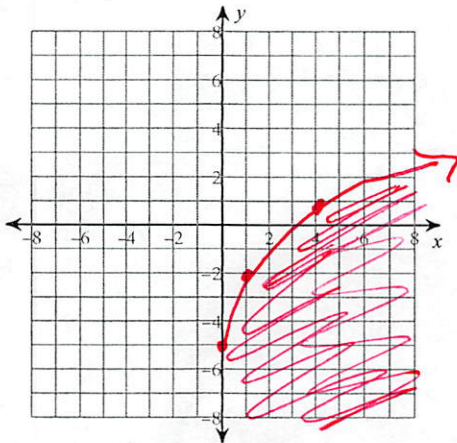
$$7) y \geq (x-1)^2 - 3$$



$$8) y > -2(x-3)^2 - 4$$

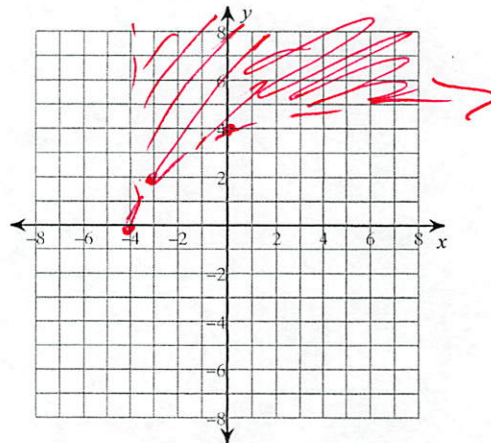


$$9) y \leq 3\sqrt{x} - 5$$

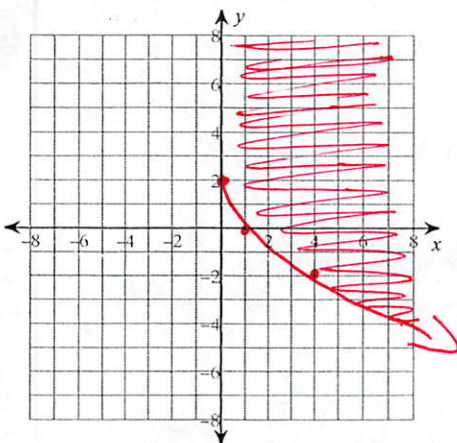


$$10) y > 2\sqrt{x+4}$$

$$0 > 2\sqrt{4}$$



$$11) y > -2\sqrt{x} + 2$$



$$12) y < -3\sqrt{x+3} + 2$$

$$0 < -3\sqrt{3} + 2$$

