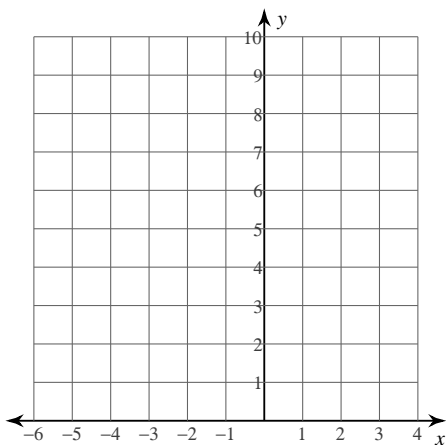


Assignment

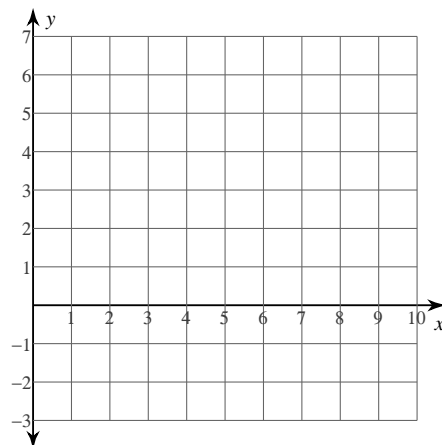
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Sketch the graph of each function.

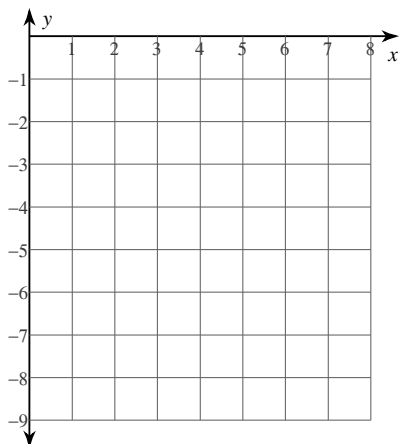
1) $y \leq 2(x - 1)^2 + 1$



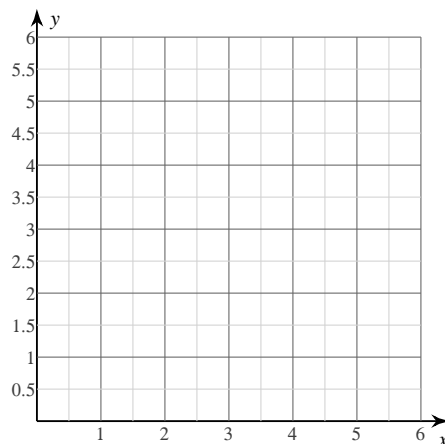
2) $y > 2(x - 2)^2 - 2$



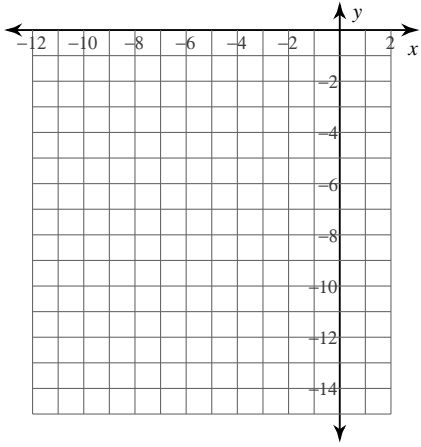
3) $y > -(x - 3)^2 - 4$



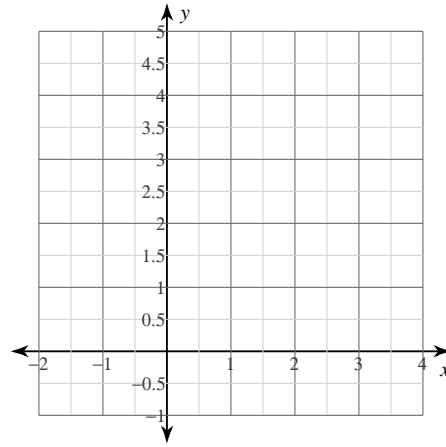
4) $y < (x - 2)^2 + 1$



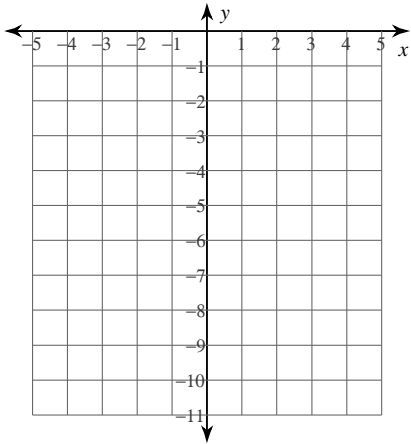
$$5) y \geq -3(x+2)^2 - 2$$



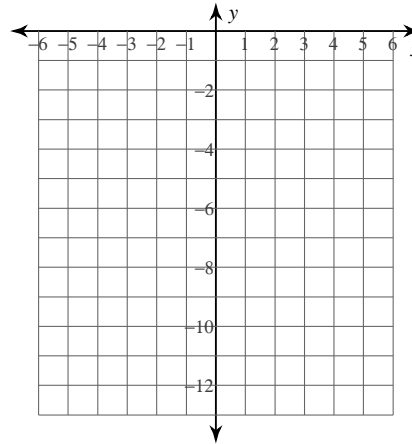
$$6) y < \frac{1}{4}(x-2)^2 + 2$$



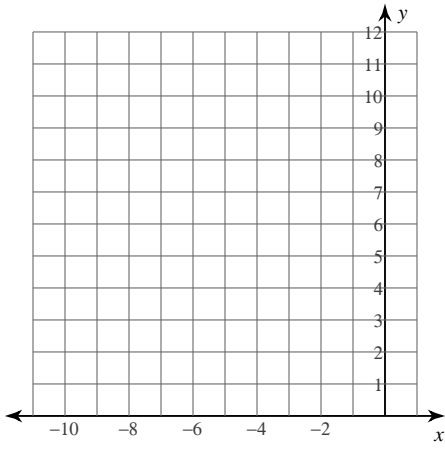
$$7) y < -2(x+1)^2 - 2$$



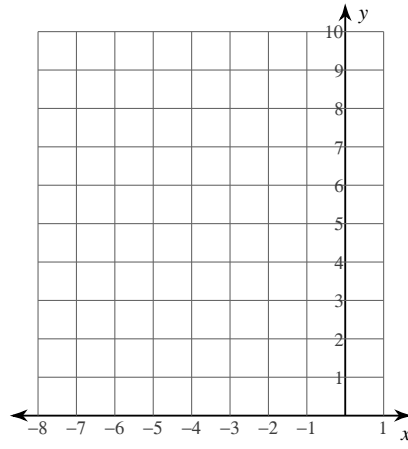
$$8) y \leq -2(x+3)^2 - 4$$



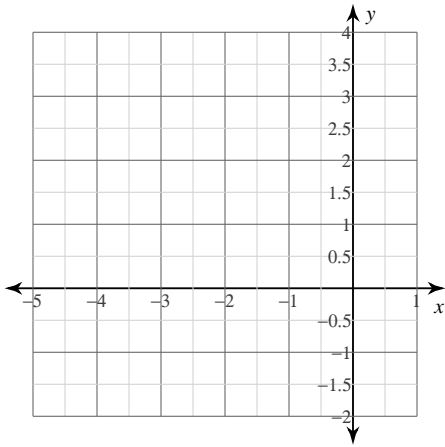
9) $y > 2x^2 + 8x + 11$



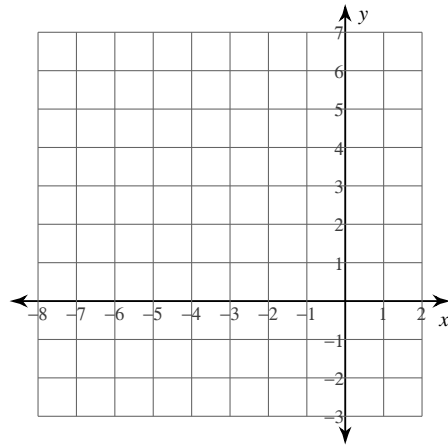
10) $y \leq 2x^2 + 16x + 33$



11) $y \geq x^2 + 4x + 3$



12) $y \leq 2x^2 + 12x + 16$

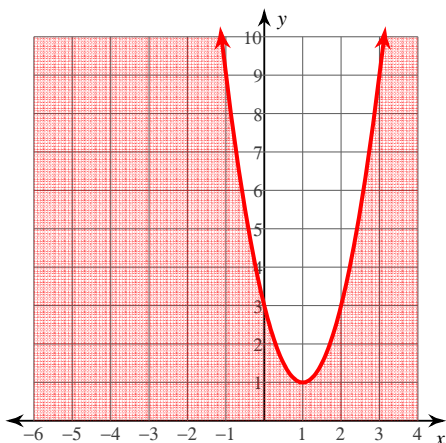


Assignment

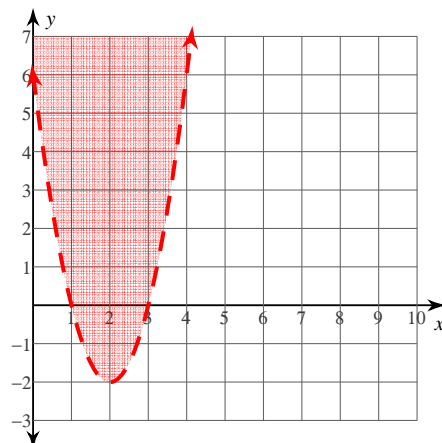
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Sketch the graph of each function.

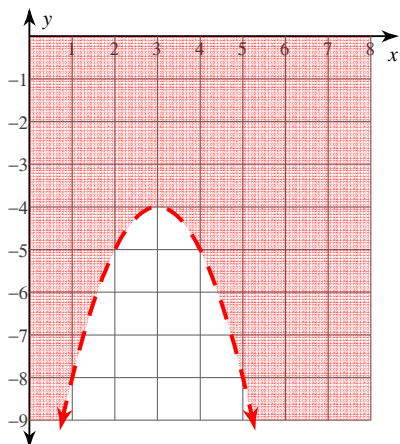
1) $y \leq 2(x - 1)^2 + 1$



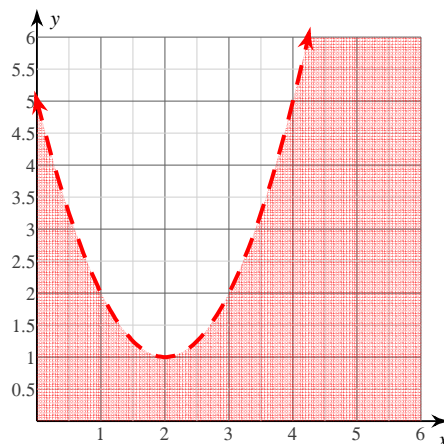
2) $y > 2(x - 2)^2 - 2$



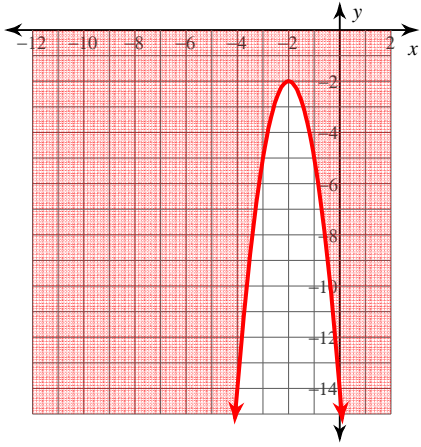
3) $y > -(x - 3)^2 - 4$



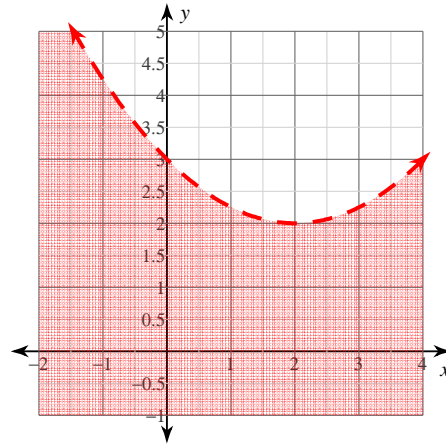
4) $y < (x - 2)^2 + 1$



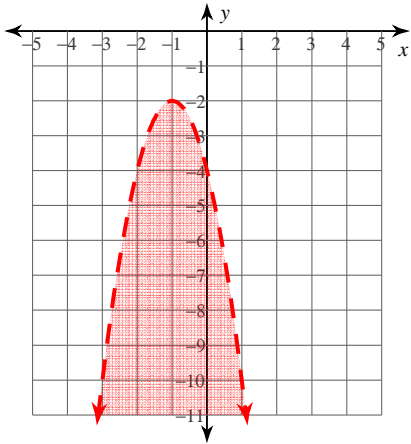
$$5) y \geq -3(x+2)^2 - 2$$



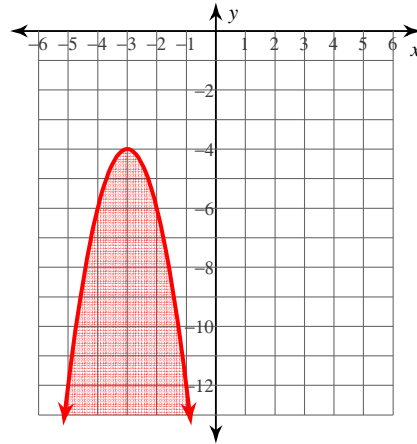
$$6) y < \frac{1}{4}(x-2)^2 + 2$$



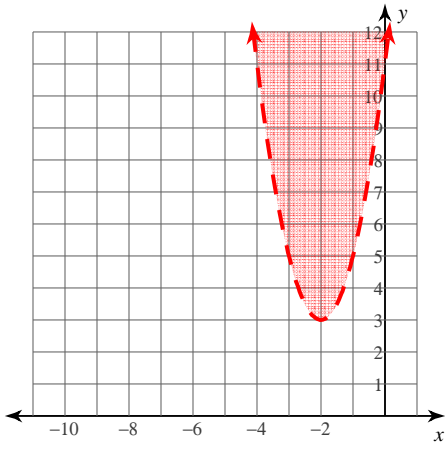
$$7) y < -2(x+1)^2 - 2$$



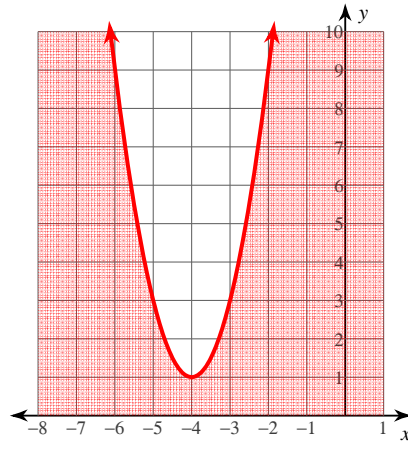
$$8) y \leq -2(x+3)^2 - 4$$



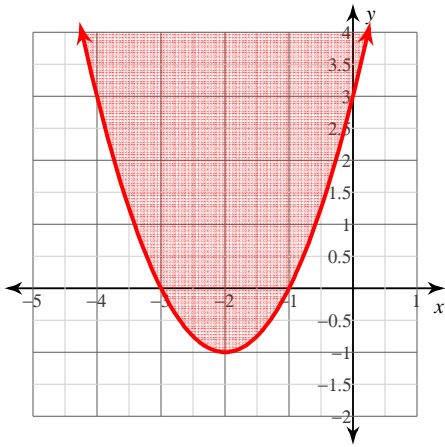
$$9) y > 2x^2 + 8x + 11$$



$$10) y \leq 2x^2 + 16x + 33$$



$$11) y \geq x^2 + 4x + 3$$



$$12) y \leq 2x^2 + 12x + 16$$

