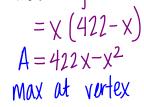
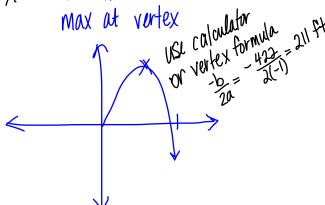




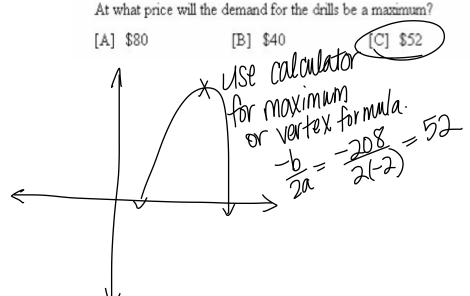
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[D] none of these

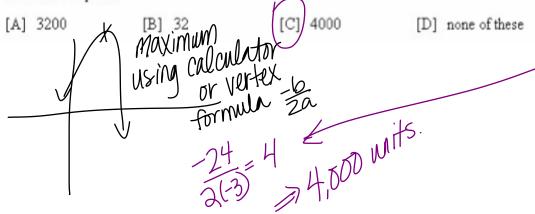




2. The demand for drills depends on their price. A manufacturer determines that the number of drills he can sell at a price of p dollars each is given by the formula $d = -2p^2 + 208p - 320$ At what price will the demand for the drills be a maximum?



3. Jafco Manufacturing estimates that its profit, in hundreds of dollars, after producing x thousand units can be expressed as $P = -3x^2 + 24x + 2$. How many units must be produced to obtain the maximum profit?



4. The demand for saws depends on their price. A manufacturer determines that the number of saws it can sell at a price of p dollars each is given by the formula $d = -3p^2 + 72p - 200$. At what price will the demand for the saws be a maximum?

