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You will not get any points if your answer is wrong, that is no points to your explanations if your answer is wrong. And of course no points to a correct answer if your explanation or proof is not correct or clear.

YOU must write GOOD Mathematics

1. Find the parametric form of the function $y^2 + 2y - x + 2 = 0$ for $x \geqslant 0$.
   Solution:

2. Find the arc length of the function $f(x) = \cos x$ on $[0, \pi/2]$.
   Solution: