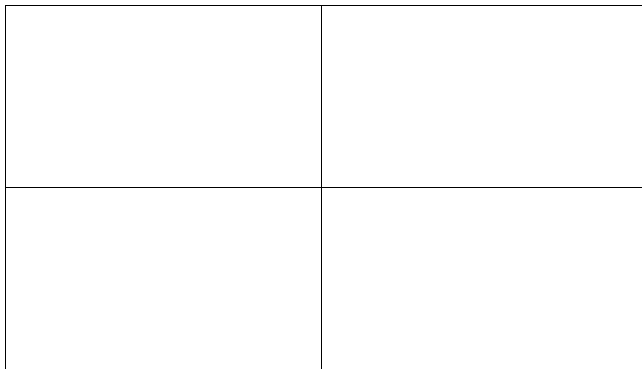


Name _____ Date _____

Instructions: Please show all of your work as partial credit will be given where appropriate, **and** there may be no credit given for problems where there is no work shown. All answers should be completely simplified, unless otherwise stated.

1. For $x = \sin 2t$ and $y = \cos 2t$ such that $0 \leq t \leq \pi$, eliminate the parameter and graph the curve. Indicate if the curve is simple and/or closed.

Hint : $x^2 + y^2 = ?$



Simple: T or F (circle one)

Closed: T or F (circle one)

2. Find the distance between the points $(1, 3, 5)$ and $(3, 3, 3)$.

distance = _____

