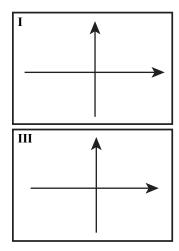
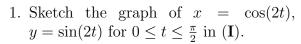
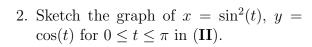
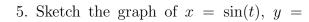
Parametric Equations Worksheet

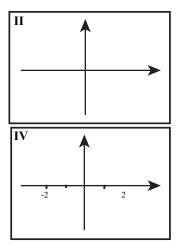






- 3. Going from left to right, parametrize through the points (-2,3) and (5,1).
- 4. Going from right to left, parametrize through the points (-5,6) and (7,-3)





$$\sin(2t)$$
 for $0 \le t \le 2\pi$ in (III).

- 6. Parametrize $y^2 + (x-2)^2 = 9$.
- 7. Parametrize $y x^2 = 2x + 2$.
- 8. Sketch the graph of $x = t^2 1$, $y = t^3 tu$ for $-2 \le t \le 2$ in (IV).
- 9. Find the equation of the line x = 6-3t, y = 2t + 1 in Cartesian coordinates.
- 10. Does the point $(2b^2, b)$ lie on the graph of $x = a^2t^2 + b^2$, y = at?

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