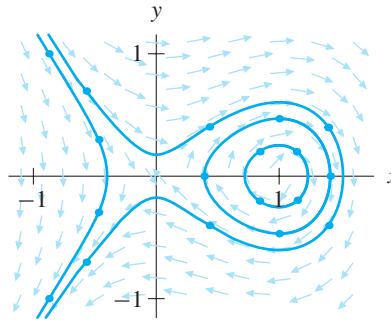
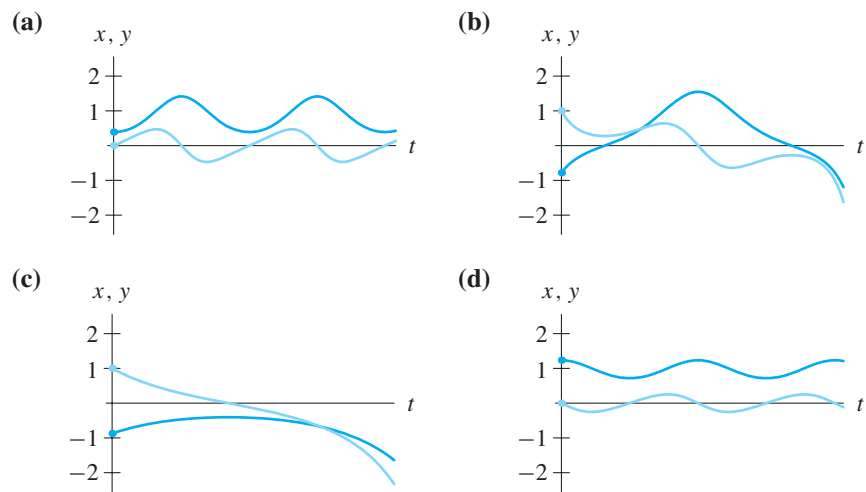


21. Consider the four solution curves in the phase portrait and the four pairs of $x(t)$ - and $y(t)$ -graphs shown below.



Match each solution curve with its corresponding pair of $x(t)$ - and $y(t)$ -graphs. Then on the t -axis mark the t -values that correspond to the distinguished points along the curve.



22. Use the DETools program GraphingSolutionsQuiz to practice sketching the $x(t)$ - and $y(t)$ -graphs associated to a given solution curve in the xy -phase plane.

In Exercises 23–26, a solution curve in the xy -plane and an initial condition on that curve are specified. Sketch the $x(t)$ - and $y(t)$ -graphs for the solution.

