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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.



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