

### Group Work 1, Section 4.3

#### The Graph Game (Form A)

Do *not* show your partner the graphs on this sheet! Choose your favorite graph of the ones listed below. On a separate sheet of graph paper, sketch the derivative of this graph. Make sure you remember what you've learned about local maxima, local minima, and concavity while you draw your graph. Every point on the derivative graph should correspond to the slope of the original function. Give your piece of graph paper with the derivative sketch to your partner when you are done. If you finish first, try sketching the derivatives of the other functions as well. .

