



4. How many lines are tangent to Curve A at the point $(0,0)$? What about Curve B?

5. Try to find $\frac{dy}{dx}$ at the point $(0,0)$ on both graphs. Explain what goes wrong.

We'll return to these examples near the end of the course. At that time, we'll have a new tool that will allow us to find the lines that are tangent to the curves at the point $(0,0)$!