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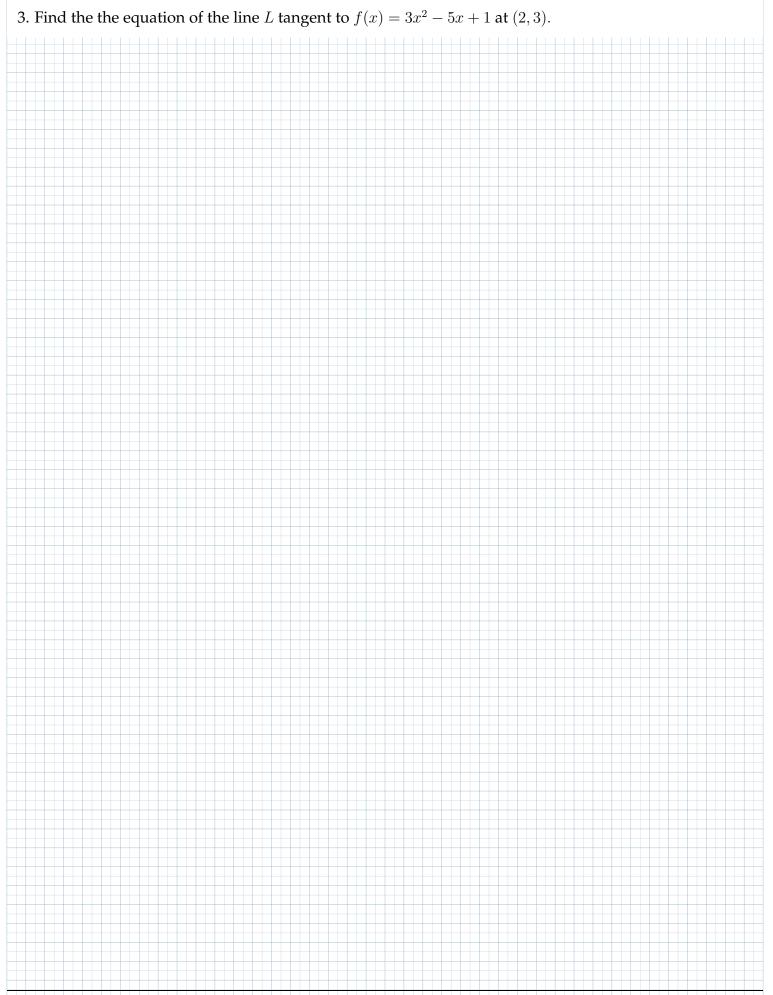
2. Take f to be the quadratic function and L to be the line that are given by

 $f(x) = 3x^2 - 5x + 1$ and L(x) = mx + b.

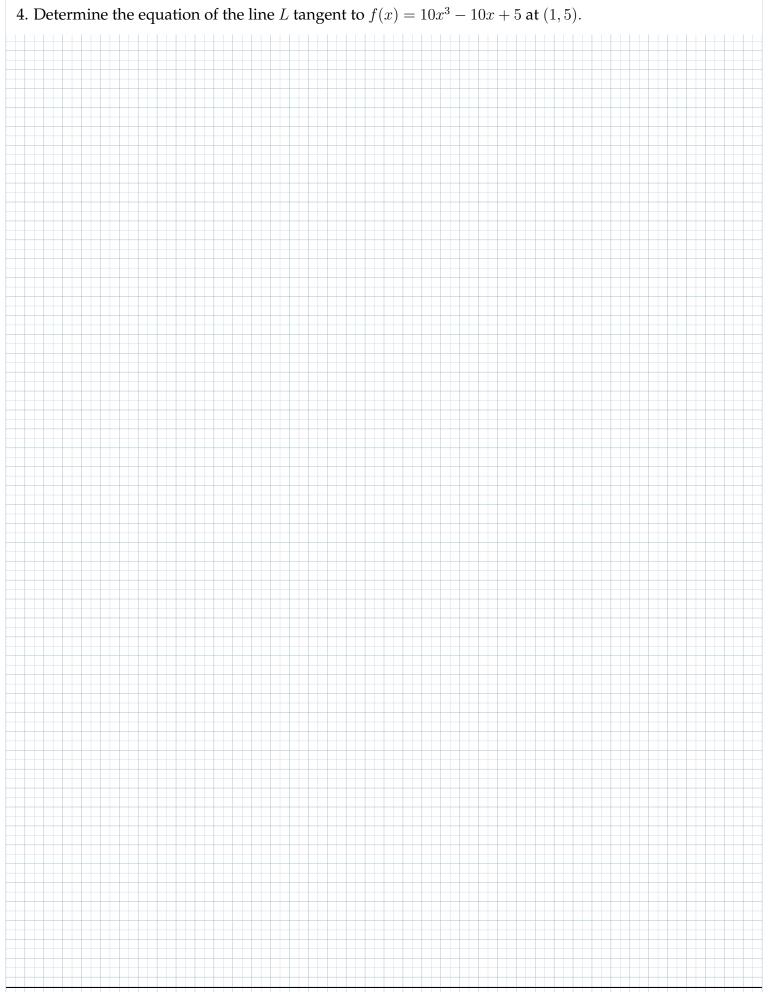
Identify a quadratic equation that determines m so that L is tangent to f at (2,3).



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