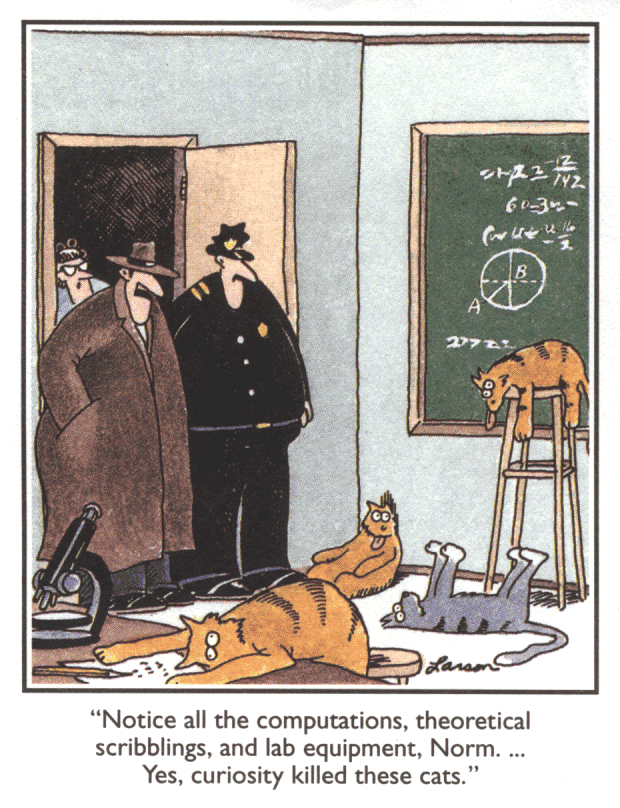
**Questions for class discussion:  MATH 161**



[27 August 2018](http://www.math.luc.edu/~ajs/courses/161fall2018/cd/cdAug27.pdf): riddles & UM pre-calculus final exam

[29 August 2018](http://www.math.luc.edu/~ajs/courses/161fall2018/cd/cdAug29.pdf): rational functions, zeroes, singularities, sign analysis, limiting behavior

[31 August 2018](http://www.math.luc.edu/~ajs/courses/161fall2018/cd/cdAug31.pdf): additional precalculus problems from U. Mich.

[Old practice Math 117](http://www.math.luc.edu/~ajs/courses/161fall2018/cd/117PracticeFinal.pdf) (precalculus I) final exam

[5 & 7 September 2018](http://www.math.luc.edu/~ajs/courses/161fall2018/cd/cdSept5and7.pdf): limits, limit laws, continuity, types of discontinuities

[10 September](http://www.math.luc.edu/~ajs/courses/161fall2018/cd/cdSept12): Squeeze Theorem, Intermediate Value Theorem

[12 September](http://www.math.luc.edu/~ajs/courses/161fall2018/cd/cdSept12.pdf): Trigonometric limits; one-sided limits

[17 September](http://www.math.luc.edu/~ajs/courses/161fall2018/cd/cdSept17.pdf): an introduction to the derivative; geometric differentiation

[19 September](http://www.math.luc.edu/~ajs/courses/161fall2018/cd/cdSept19.pdf): the derivative, continued

[21 and 24 September](http://www.math.luc.edu/~ajs/courses/161fall2018/cd/cdSept21.pdf): shortcuts

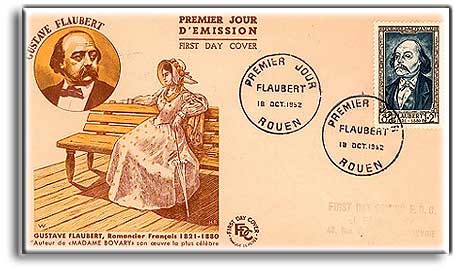
[26 September](http://www.math.luc.edu/~ajs/courses/161fall2018/cd/cdSept26.pdf): shortcuts applied to curve sketching

[1 October](http://www.math.luc.edu/~ajs/courses/161fall2018/cd/cdOct1.pdf): higher-order derivatives; intro to the “game of anti-differentiation.”

[3 October](http://www.math.luc.edu/~ajs/courses/161fall2018/cd/cdOct3.pdf): linearization

*Work!  God wills it.  That, it seems to me, is clear.*

                 - Gustave Flaubert  (letter to Louise Colet, 1845)



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