

The Weekly Rigor

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“A mathematician is a machine for turning coffee into theorems.”

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20 Problems in Dividing a Polynomial by a Polynomial (Part 3)

9. $\frac{a^3-b^3}{a-b}.$

10. $\frac{x^3-9x^2+27x-27}{x-3}.$

11. $\frac{m^3-n^3}{m^2+mn+n^2}.$

12. $\frac{8x^3-27y^3}{2x-3y}.$

“Only he who never plays, never loses.”

Written and published every Saturday by Richard Shedenhelm

WeeklyRigor@gmail.com
