

The Weekly Rigor

No. 343

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

January 16, 2021

40 Problems in Dividing a Polynomial by a Polynomial Using Synthetic Division (Part 2)

9. $\frac{x^2-8x+12}{x-2}$.

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

11. $\frac{x^3-5x^2+2x+8}{x+1}$.

12. $\frac{x^3-2x+1}{x-1}$.

13. $\frac{x^3+1}{x+1}$.

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

15. $\frac{x^3-9x^2+27x-26}{x-3}$.

16. $\frac{x^3-9x^2+26x-27}{x-3}$.

“Only he who never plays, never loses.”

Written and published every Saturday by Richard Shedenhelm

WeeklyRigor@gmail.com