

The Weekly Rigor

No. 323

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

August 29, 2020

20 Problems in Solving Equations (Part 2)

9. $5a^2 - 45 = 0$.

10. $7x^2 - 28x + 21 = 0$.

11. $3x^2 - 75 = 0$.

12. $6x^2 + 12x + 8x + 16 = 0$.

13. $5x^3 - 20x + 3x^2 - 12 = 0.$

14. $12x^3 - 4x^2 - 8x = 0.$

15. $12x^6 - 12x^5 + 24x^4 - 24x^3 = 0.$

16. $10t^2 + 46t + 24 = 0.$

“Only he who never plays, never loses.”