## 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."

Written and published every Saturday by Richard Shedenhelm

WeeklyRigor@gmail.com