

# The Weekly Rigor

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No. 357

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

April 24, 2021

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## 50 Word Problems Involving Rational Equations

(Part 7)

Work

26. Barry can do a certain job in 3 hours, whereas it takes Sanchez 5 hours to do the same job. How long would it take them to do the job working together?

27. If Shayla can paint a chair in 45 minutes, and her sister Jamie can paint a similar chair in 60 minutes, how long will it take to paint a chair if they work together?

28. One painter can paint a room in four hours. Another painter can paint the same room in six hours. How long would it take the two painters if they worked together?

“Only he who never plays, never loses.”

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