The Weekly Rigor

No. 332

"A mathematician is a machine for turning coffee into theorems."

October 31, 2020

30 Problems in Reducing Complex Fractions to Simple Fractions (Part 3)

17. $\frac{-3}{\frac{2}{r}-\frac{3}{\gamma}}$.

18.
$$\frac{-5}{\frac{4}{x}-\frac{8}{y}}$$
.

20. $\frac{1+\frac{3}{x}}{1-\frac{6}{x}}$.

$$19. \ \frac{\frac{2}{x} - 3}{\frac{3}{y} + 4} \ .$$

21.
$$\frac{3+\frac{2}{n+4}}{5-\frac{1}{n+4}}$$
. 22. $\frac{\frac{3}{n-5}-2}{1-\frac{4}{n-5}}$.

23.
$$1 + \frac{x}{1 + \frac{1}{x}}$$
. 24. $1 - \frac{n}{1 - \frac{1}{n}}$.

"Only he who never plays, never loses."

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