The Weekly Rigor

30 Problems in Reducing Complex Fractions to Simple Fractions
(Part 2)

9. $\dfrac{\frac{1}{2} + \frac{3}{4}}{\frac{5}{6} - \frac{3}{8}}$.

10. $\dfrac{\frac{3}{8} + \frac{3}{4}}{\frac{5}{8} - \frac{7}{12}}$.

11. $\dfrac{\frac{3}{x} + \frac{2}{y}}{\frac{5}{x} - \frac{6}{y^2}}$.

12. $\dfrac{\frac{1}{x} + \frac{3}{y}}{\frac{4}{x} - \frac{2}{y^2}}$.

13. $\dfrac{\dfrac{9}{x}+\dfrac{7}{x^2}}{\dfrac{5}{y}+\dfrac{3}{y^2}}$.

14. $\dfrac{\dfrac{4}{ab}-\dfrac{3}{b^2}}{\dfrac{1}{a}+\dfrac{3}{b}}$.

15. $\dfrac{\dfrac{1}{x}+\dfrac{1}{y}}{2}$.

16. $\dfrac{\dfrac{1}{m}-\dfrac{1}{n}}{3}$.