

Math 0030 February 9, 2007 Homework 9

Text problems: 8.3 # 1-19 odds

Simplify the following:

1) $\frac{1+\frac{2}{x}}{2-\frac{1}{x}}$

2) $\frac{2+\frac{1}{x-3}}{3-\frac{5}{x-3}}$

3) $\frac{1-\frac{5}{x}+\frac{6}{x^2}}{1-\frac{9}{x^2}}$